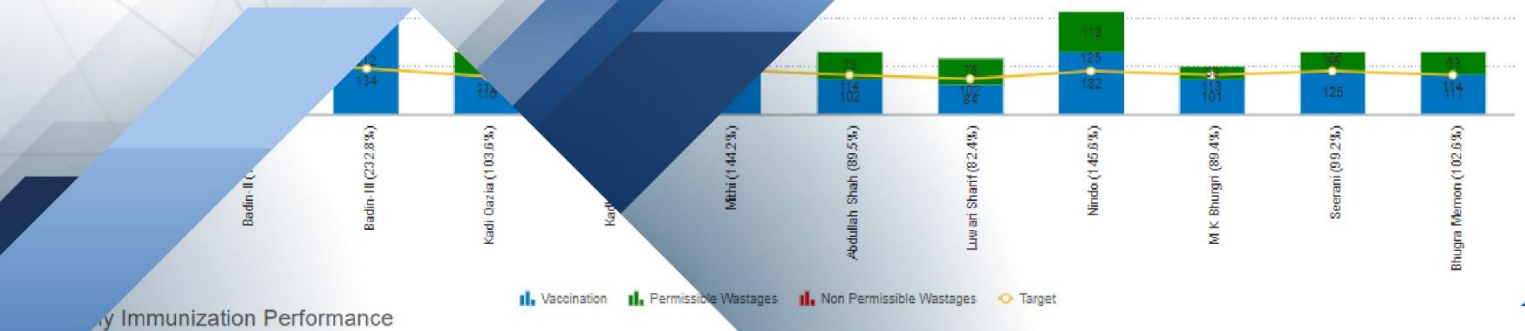




VACCINE LOGISTICS MANAGEMENT INFORMATION SYSTEM (vLMIS) USER MANUAL

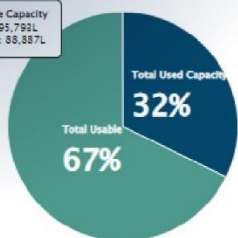
Federal Directorate of Immunization,
Department of Health



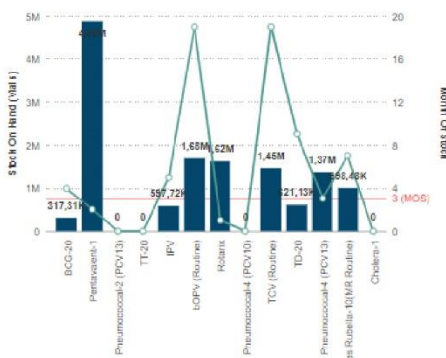
Federal Vaccine Store

Cold chain Capacity

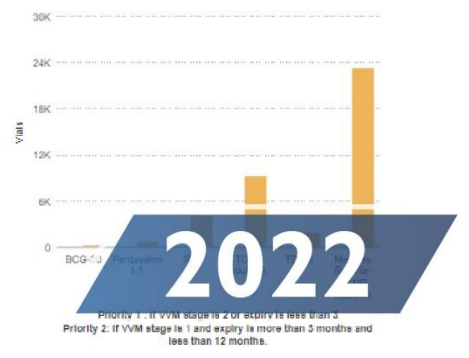
Total Available Capacity
Cold Room: 195,792L
Freezer Room: 85,857L



Stock Status as on 16th Feb, 2023



Stock Priority



*This is a living document and changes will be made as
per current or updated system.*

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List of Acronyms

AJK	Azad Jammu & Kashmir
AMC	Average Monthly Consumption
BCG	Bacillus Calmette–Guérin Vaccine
BHU	Basic Health Unit
bOPV	Bivalent oral polio vaccine
CCEM	Cold Chain Equipment Manager
DHCSO	District Health Communication Support Officer
DHQ	District Head Quarter Hospital
DMS	Deputy Medical Superintendent
DSV	District Superintendent Vaccination
EDO	Executive District Officer
FDI	Federal Directorate of Immunization
EPI	Expanded Program on Immunization
FATA	Federally Administered Tribal Areas
GAVI	Global Alliance for Vaccines and Immunization
GOP	Government of Pakistan
HF	Health Facility
ICT	Information Communications Technologies
IPV	Inactivated Polio Vaccine
IM	Inventory Management
IT	Information Technology
JSI	John Snow, Inc.
KP	Khyber Pakhtunkhwa
LMIS	Logistics Management Information System
LQAS	Lot Quality Assurance Sampling
MIS	Management Information System
MIPC	Ministry of Inter-Provincial Coordination
MNHRC	Ministry of National Health Services, Regulation and Coordination
NID	National Immunization Days
OPV	Oral Polio Vaccine
PEI	Polio Eradication Initiative
PPHI	Peoples Primary Healthcare Initiative
SDP	Service Delivery Point
SIADs	Short Interval Additional Dose Strategy
SIAs	Supplementary Immunization Activities
SOP	Standard Operating Procedure

Syr.	Syringe
THO	Taluka Health Officer
THQ	Tehsil Head Quarter Hospital
tOPV	Trivalent Oral Polio Vaccine
TSI	Tehsil Sanitary Inspector
UC	Union Council
UNICEF	United Nations Children's Fund
UPEC	Union Council Polio Eradication Committee
USAID	United States Agency for International Development
WHO	World Health Organization

1

Overview

With Vaccine Logistics Management Information System

The *Vaccine Logistics Management Information System User Guide* provides step-by-step instructions that help you get started with Vaccine Logistics Management Information System (vLMIS) functions and features and provides guidelines on managing relevant Vaccines Logistics data using the Vaccine Logistics Management Information System accounts.

This guide is organized according to the logical flow of Vaccine Logistics Management Information System features and describes tasks in the same order you can use while working with the product.



Before You Begin...

It is recommended to have a working internet connection for web-access to the application in order to review the product side-by-side when reading this manual.

Background

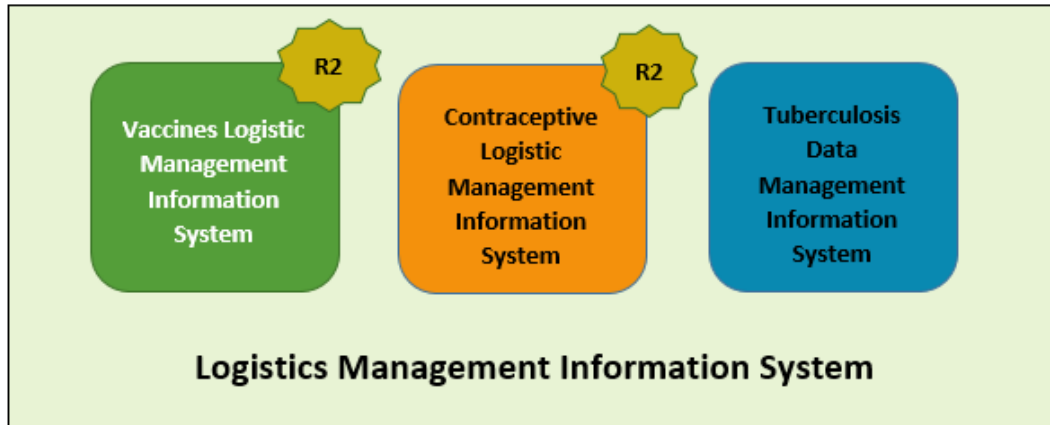
In July 2011, Pakistan's first web-based Logistics Management Information System (web-LMIS) for contraceptive products was launched, which is currently in use in all 143 districts. Following the success of the Logistics Management Information System for Contraceptives, the design of a web-based Tuberculosis Drug Management Information System (TBDMIS) was rolled-out in March, 2013. In May 2013, Vaccine Logistics Management Information System has also been

incorporated into the current Logistics Management Information System in 83 priority districts in Pakistan, thus making the web-based Pakistan Logistics Management Information System as one automated logistics management information system for all health commodities, i.e., Contraceptives, Tuberculosis and Vaccines.

The Vaccine Logistics Management Information System (vLMIS) is designed to replace the current manual Vaccine Logistics Record keeping system and therefore considers the current system's strengths and challenges.

Among the strengths in the current vaccine logistics data is that key data items are collected, such as consumption, stock balance, and storage capacity. Some logistics-related key performance indicators have been defined and are tracked. Data is collected routinely and there is a defined process flow for reporting up the system. There are established forms and spreadsheets used to collect data, and a vaccine stock management software solution used at the National EPI Store. There is a culture of compiling and analyzing data for logistics decision making. The data on existing cold chain equipment (age, type, capacity, operability) in the national cold chain inventory as well as facility profile data has also been collected to help identify gaps in the cold chain storage capacity and functionality that need to be addressed.

However, there are significant challenges in the collection, use and management of vaccine logistics data. Routine reporting of logistics data is impeded by poor accuracy and timeliness of the reports and inadequate supervision and feedback on reporting. Wastage (due to open vial) data are under-reported and poorly tracked. Resupply is calculated based on demographic based targets (using population figures that are outdated) rather than consumption data, and stock balance is not always factored into resupply decisions. Because data is not available in real-time electronic form to all stakeholders, there is very limited visibility in the pipeline below the national level.



Overview of Web-based LMIS

Pakistan Web-based LMIS provides transparency to all stakeholders based on user rights, is easy to use, and integrates both routine and special immunization campaign vaccine logistics data. Standardized reporting forms and Data triangulation is implemented to validate data and improve visibility in wastage rates.

Resupply quantities for routine EPI are calculated based on average monthly consumption and stock balances, and wastage rates are calculated automatically. The use of stock balance, consumption and issued data, losses and adjustments are also collected.

New routine reporting forms are aquatically printed using vLMIS inventory management module in order to collect data from service delivery points, along with vaccine logistics standard operating procedures (SOPs) for each level of the supply chain.

The Vaccine Logistics Management Information System contains the following features:

1. A module for Vaccine reporting in the centralized web-accessible data repository of LMIS to report data from data providers. Data Providers can perform monthly data entry. This also includes being able to generate reports for themselves.
2. The data provided by different geographical levels tracks vaccines in different data entry forms. The Stock Issue and Receive Data, (National, Provincial, Divisional, District, Tehsil)

users will enter vaccines logistics data with batch and expiry information, while Monthly Consumption data (Tehsil and Union Council level) users will report data without batch. Wastage will be calculated automatically with the help of consumed and unused vial information.

3. The cold-chain inventory and use is tracked in vLMIS. This module is capable of entering new cold chain assets as well as its current operational status. Each month, along with other logistics data, users will update the operational status of their cold chain assets.
4. The Administrator will manage vLMIS and create all of the necessary data in order to assist users to continue to provide and review logistics data.
5. Data Reviewers can access vLMIS using the 'policy' user account and get reports about the country's provinces and districts to help them in logistical decision-making regarding supply chain management in their assigned districts.

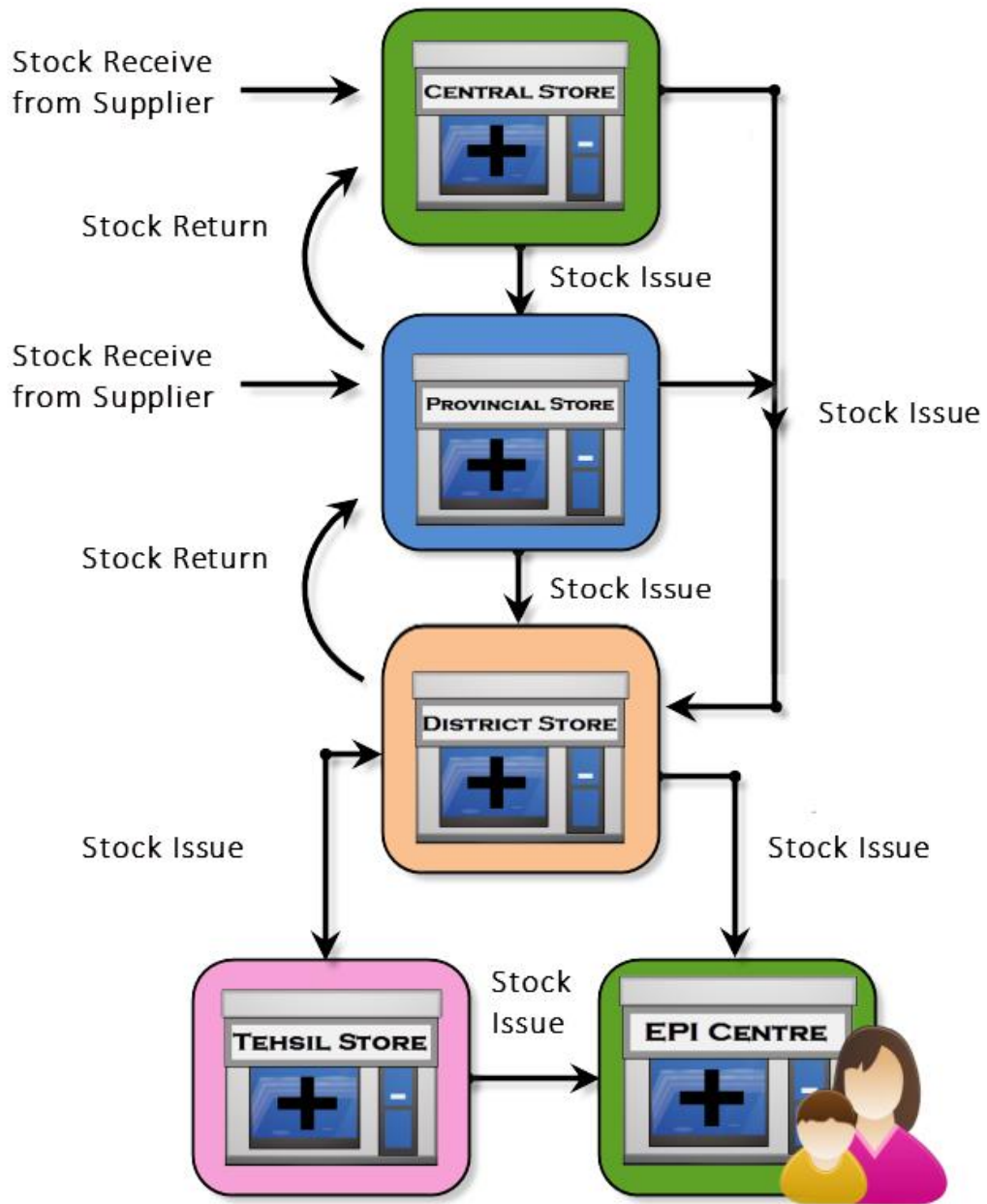
Vaccine Logistics Management Information System (vLMIS)

The web-based Vaccine Logistics Management Information System has been designed to help plan and manage the immunization resources and ensure that vaccines are always available to meet demand at the right time, to the right place, at the right cost, in the right condition of the right product in the right amount – No matter where they live.

The web-based Vaccine Logistics Management Information System (vLMIS) is an extension of the Logistics Management Information System (LMIS) and is designed to replace the current paper-based logistics information system that is being used for managing the vaccine distribution and logistics.

The Vaccine Logistics Management Information System introduces systematic vaccine product management and create sustainable dependencies among different vaccine procurement procedures and geographical level operations.

The web-based Vaccine Logistics Management Information System (vLMIS) is easy to use and contextualized to fit local stakeholder's structure and the devolution of health and population programs to provincial governments. The system brings in district and EPI-level reporting by aggregating facility-level data through paper-based reports. With a unified system for reporting of vaccine and non-vaccine logistics data at different supply chain levels, the vLMIS system is able to integrate information from all levels. The web-based vLMIS can be accessed at <http://v.lmis.gov.pk>.



The Vaccine Supply Chain

vLMIS Features

Vaccine Logistics Management Information System provides the following functions and features:

Role-Based Access for Users

Users are authenticated based on their geographical levels and the roles that are associated with them.

Inventory Management

Stock Issued, Received, and adjustments are recorded on transaction basis in vLMIS by the EPI Store Users.

Cold Storage Management

The system automatically update the cold storage space during stock placements and picking for better management of inventory.

Batch Management

The batch management prioritize stock movement on the basis of First Expiry First Out (FEFO) and Vaccine Vial Monitor (VVM)

Cold-Chain Asset's Database

The details of Cold-chain assets, their location, status and capacity is tracked in vLMIS for maintaining the cold-chain of immunization vaccines.

Consumption Reporting

Service delivery point consumption data is collected and recorded daily and compiled and reported online monthly using vLMIS.

Informational Reports

These reports enable you to view the reporting compliance and vaccine stock status, coverage and wastage at various geographical levels.

Graph and Maps

Graphs and maps enables users to view and compare reported data of different indicators over time.

Assumptions

This user guide assumes that you already have Vaccine Logistics Management Information System accounts as per your geographical level and role. This user guide also assumes that you are familiar with basic web-application account login procedures.

System Requirements

The Vaccines Logistics Management Information System is accessible from any Desktop PC, Mac, or Linux computer with Internet access and a supported Web-browser.

Browser Support

The following browsers and later versions fully support vLMIS standard view:

- Mozilla Firefox (Windows, Mac, Linux)
- Google Chrome (Windows, Mac, Linux)
- Netscape (Windows, Mac, Linux)
- Safari (Mac)
- Internet Explorer 9 and above (Windows)

2

Step-by-Step Guide

Process to using Vaccines Logistics Management Information System

This section explains the step-by-step instructions on getting started with vLMIS. In this section, you will learn about:

1. The Vaccine Logistics Management Information System User Interface.
2. Logging Into Vaccine Logistics Management Information System.
3. Changing your account password.
4. What to do if you forget your password.
5. Logging Out of Vaccine Logistics Management Information System.


The Vaccine Logistics Management Information System users are basically store operators that manage and record the inventory and stock transactions. Each geographical level entails different user roles associated with their stores operations.

vLMIS Homepage

The Logistics Management Information System has a single landing page for its three modules for Contraceptives, TB, and Vaccines Management Information System. Enter the URL <http://lmis.gov.pk> to access the application homepage.



Users can also access vaccine LMIS application directly by using <http://v.lmis.gov.pk> URL. Once the user enters the URL <http://v.lmis.gov.pk>, a user interface (homepage) will appear. The homepage displays a basic introduction to the 'vaccine LMIS'.



Before You Begin...

It is recommended to use vLMIS with Google Chrome or Mozilla Firefox. Older generations of browsers are also supported; however, their use can lead to issues with on-screen formatting and display.

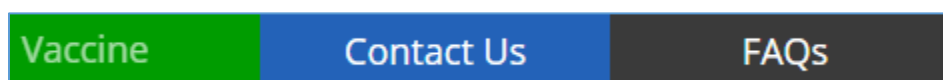
Once you click Vaccines, homepage for vLMIS will display.



Homepage Menu

Applies to any user.

The available menu items can be found on the top of homepage screen. The components are displayed adjacently, as shown in the image below:



Contact Us Tab

The Contact Us tab contains addresses, telephone numbers and email addresses (where available) for key personnel as a system communication list. Therefore, the user of LMIS will be able to see contact details of other stakeholders and can contact them as needed.

Frequently Asked Questions Tab

Applies to any user.

The menu also contains a FAQs tab in order to provide guidance towards the most frequently asked and critical questions.

Logging into Vaccine Logistics Management Information System

vLMIS is a web-based inventory and cold chain management application that makes it simple for beginners and experienced users to report inventory and cold chain data, view performance and graphical reports as well as maps.



Before You Begin...

Make sure you have your correct login credentials. When you register with vLMIS, the accounts and its related details along with the login domain details will be provided to you by the vLMIS Administrator. In case you do not have login, please send an email at support@lmis.gov.pk.

To log into vLMIS:

1. Go to <http://v.lmis.gov.pk>
2. Click the **Vaccines Tab**. vLMIS login page will be displayed.

Specify the **Username** and **Password** provided to you by the Administrator and click **Login**.



You can change the password provided to you by the administrator. See “*Changing Your Password*” for details.

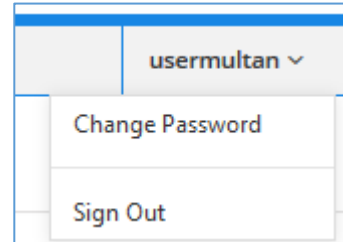
Never give out your password to anyone for security purposes.

Changing Your Password

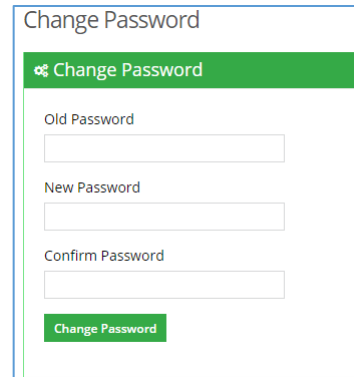
Applies to any registered user.

To change your vLMIS password:

1. Log into vLMIS application.
The welcome screen displays.
2. On the right-side of the application, the user login name appears.
3. Under the login name, click Change Password as shown in the image.
4. Specify the following:



- **Old Password:** specify your old password.
- **New Password:** specify the new password.
- **Confirm New Password:** retype your password.

A screenshot of the 'Change Password' form. The form has a title 'Change Password' and a green header bar with a key icon and the text 'Change Password'. Below the header, there are three input fields labeled 'Old Password', 'New Password', and 'Confirm Password'. At the bottom of the form is a green button labeled 'Change Password'.

Password Requirements

Your password must have a combination of a capital alphabet and one Numeric.



Never give out your password to anyone for security purposes.

5. Click **Change Password**.
Your password will be changed successfully.

Forgot Password

Applies to any registered user.

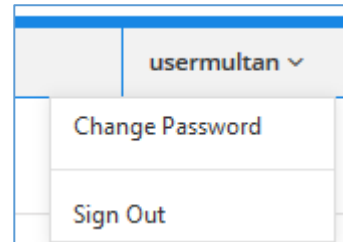
In case you have forgotten your password:

1. You can contact on this email address: support@lmis.gov.pk.

Logging Out

Applies to any registered user.

When signed in, click **Sign out** on the right-side of the application, as shown in the image below:



Inventory Management User

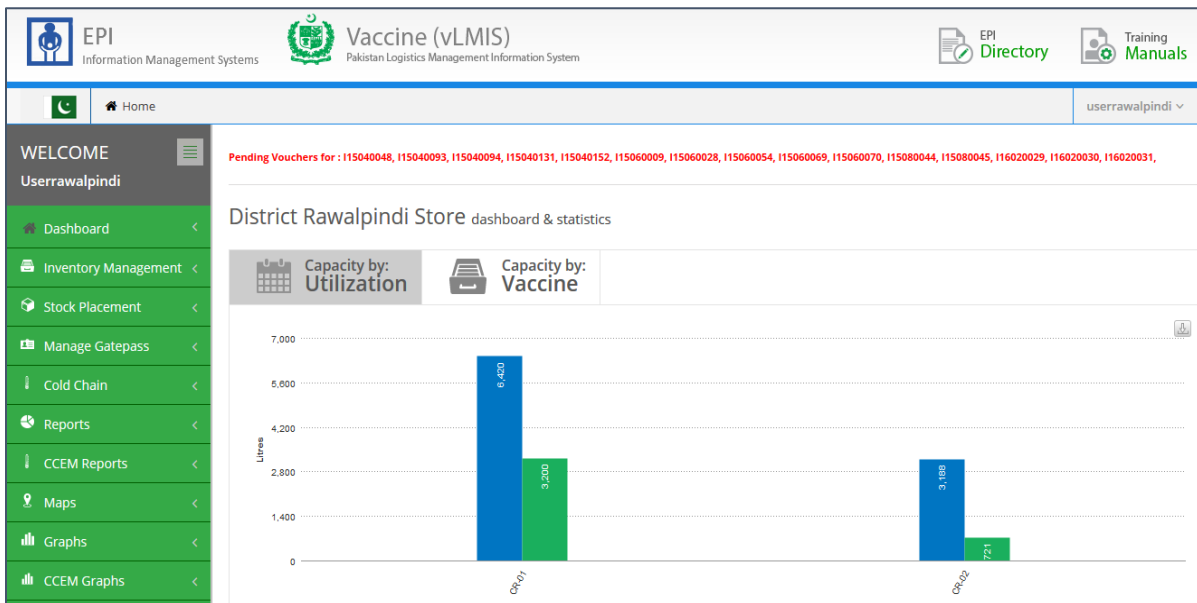
3

Of Vaccine Logistics Management Information System

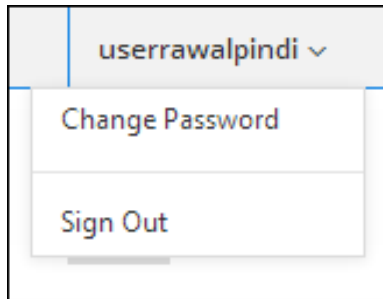
This section gives an overview of the User and describes the tasks need to be performed while using Vaccine Logistics Management Information System (vLMIS).

An Inventory Management user can perform inventory management and update the status of cold chain assets of the store. The user can also view the Reports, Maps and Graphs features of the Vaccine Logistics Management Information System.

Logging into the IM User account displays the Home page screen by default, as shown in the image below:



On the left side of the dashboard screen, the User will see the menu. User can sign out of the application by using the following link on the right side of the screen.



The User screen includes the following features:

Dashboards: User can view dashboards containing graphs, maps, and reports by using this tab.

Inventory Management: enables the user to manage the stock in the inventory. Users can issue stock to tehsil level stores / facilities as well as send the stock back to the upper level facility / store.

Stock Placement: enables the user to manage stock locations within the store.

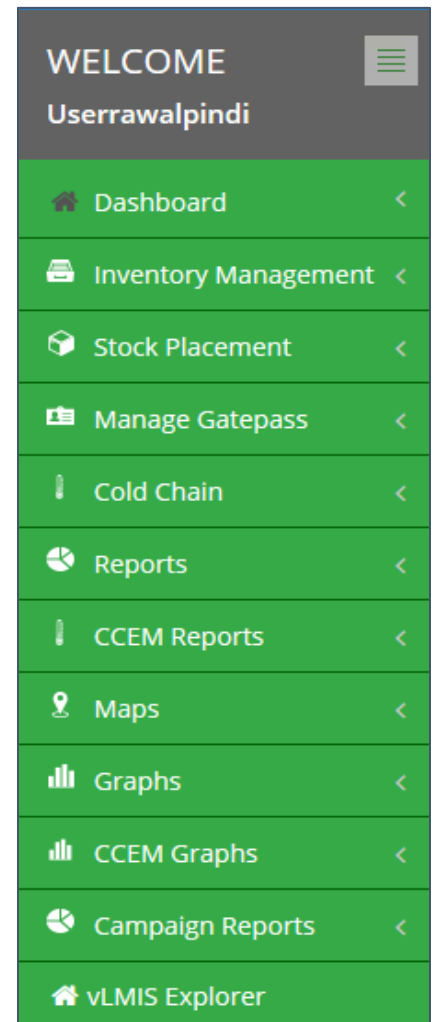
Manage Gate Pass: enables users to generate and issue gate passes after stock issuance.

Cold Chain: enables the user to report the cold chain asset's status of the assigned stores, which helps identify the working condition of the cold-chain machine.

Reports: user can view the different reports. The reports provides information about the consumption, average monthly consumption (AMC), month of stock (MOS), quantity on hand, stock received, stock issued etc. of all products managed within the database at different Levels.

CCEM Reports: user can view the data analysis reports for cold chain equipment. Refer to the "CCEM Reports" section for details.

Maps: enables user to view the geographical maps. Refer to the "Maps" section for details.



Graphs: user can view simple and comparison graphs. Refer to the “Graphs” section for details.

CCEM Graphs: user can view CCEM graphs for different cold chain items. Refer to the “CCEM Graphs” section for details.

Campaign Reports: user can view reports for the campaigns being conducted. Refer to the “Campaign Reports” section for details.

vLMIS Explorer: user can view the Monthly Report data for the selected store and the specified month - year.

Dashboards

This section explains the step-by-step instructions on the dashboard features that can be used by the Vaccine Logistics Management Information system’s users.

The Vaccine Logistics Management Information System enables you to login as an authenticated user to view different dashboards. These dashboards are available to different level users such as:

- Cold Chain Capacity Dashboards
- National Level Dashboards
- Provincial Level Dashboards
- District Level Dashboards

Overview

Dashboard is a visual display of the most important information needed to achieve one or more objectives; consolidated and arranged on a single screen so the information can be monitored at a glance.

On the left-side of the screen, user can see the main menu with Dashboard tab.

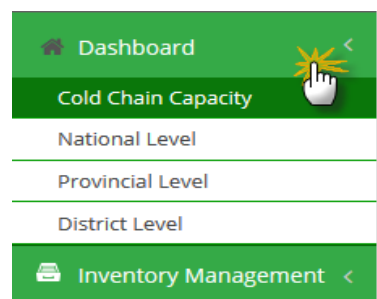
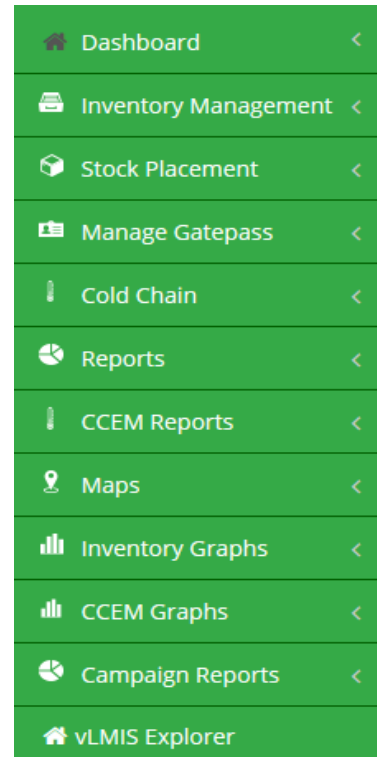
Users can view the cold chain capacity and can select the level by clicking the Dashboard tab.

When User selects the Cold Chain Capacity, following screen displays.

The following dashboard tabs are available by default.

- Capacity by Utilization
- Capacity by Vaccine

Select the National Level to view the Dashboard.



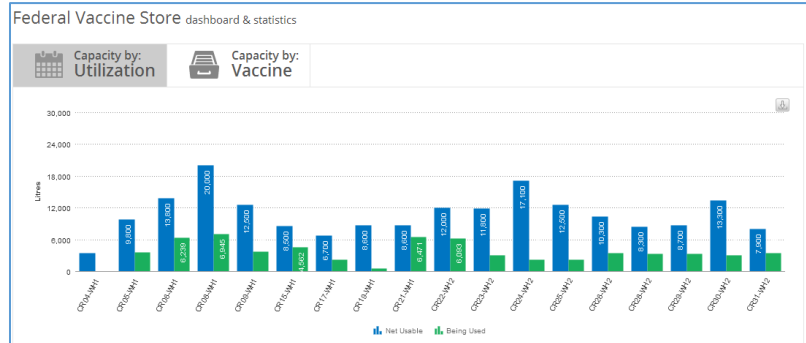
National Level Dashboards

Applies to all user levels.

When any level user logs in, user will view the dashboard tabs as shown below:

The following dashboard tabs are available by default.

- Cold Chain Equipment Management
- Routine Immunization
- Inventory Management
- Campaign Management

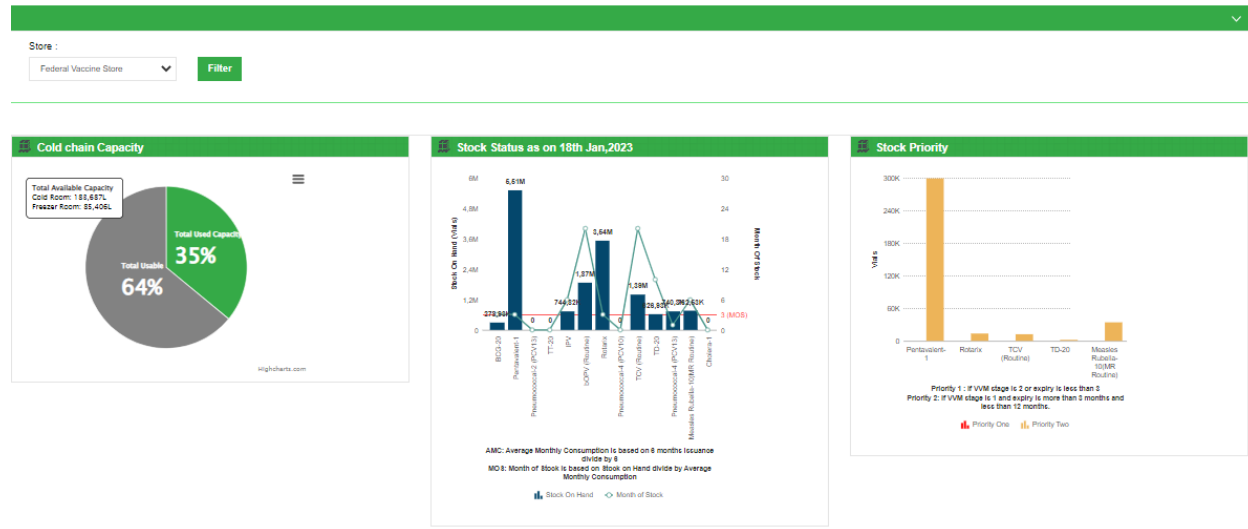


Pakistan's Daily Immunization Performance

This page presents overall analytics of data in the form of following dashboards:

- Cold chain capacity
- Stock status
- Stock priority

Users can further drill down the dashboards to view the product wise usable summary and priority vaccines distribution detail.



Routine Immunization Dashboard tab

Routine immunization dashboard allows users to quickly view reports in a graphical manner by clicking on this tab.

- **Reporting Rate**

This graph is showing that the reporting rate in each province and also shows the province wise comparison.

- **Wastage Rate**

To show the provincial level Vaccine wastage comparison to take measures where the wastage is at higher side.

- **Average Monthly Consumption (AMC)**

Users can view AMC as average of aggregated consumption of the last three non-zero consumption months of vaccines and related products.

Users can select the following filters:

Year: 2014 Period: 1st Quarter Vaccines: BCG-20 **GO**

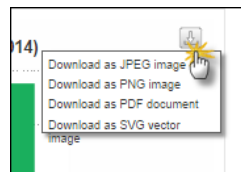
- **Year:** select the year from the drop-down list.
- **Period:** select the period for which you want to view report.
- **Vaccines:** select the product from the drop-down list.

Click **Go** to view routine immunization reports.

Reporting Rate and Wastage Comparison

Routine immunization management dashboard shows reporting rate and wastage comparison for each province / region. Users can view the comparison graph for reporting rate and wastage rate. The graph depicts the overall reporting and wastage rates for each province.

Users can also export charts in JPEG, PNG, PDF and SVG format.

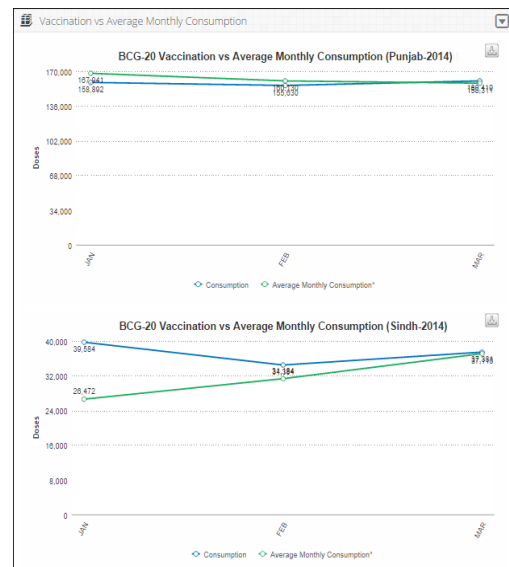
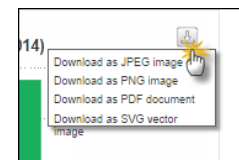


Vaccination vs Average Monthly Consumption

Routine immunization management dashboard also shows vaccination vs average monthly consumption (AMC) for each province / region. Users can view the comparison line graph for consumption and AMC. The graph depicts the overall consumption for each province.

Average Monthly Consumption (AMC): Average Monthly Consumption is calculated as average of aggregated consumption of the last three non-zero consumption months of vaccines and related products.

Users can also export charts in JPEG, PNG, PDF and SVG format.



Inventory Management Dashboard Tab

Inventory management allows users to quickly review dashboards by clicking on this tab.

- **Stock Status**

To show product wise stock status at National level.

- **Month of Stock**

The user can have a bird's eye view of Month of Stock (MOS) map.

Users can select the following filters:

Year:	2016 ▾	Period:	1st Quarter ▾	Vaccines:	BCG-20 ▾	GO
-------	--------	---------	---------------	-----------	----------	----

- **Year:** select the year from the drop-down list.
- **Period:** select the period for which you want to view report.
- **Vaccines:** select the product from the drop-down list.

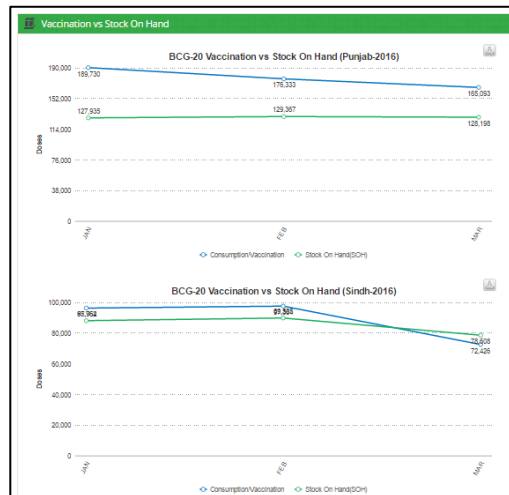
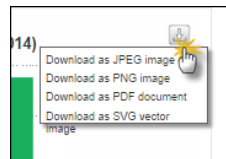
Click **Go** to view inventory management dashboards.

Vaccination vs Month of Stock

Inventory management dashboard shows vaccination and stock on hand comparison for each province / region. Users can view the comparison line graph of consumption vs stock on hand for each province.

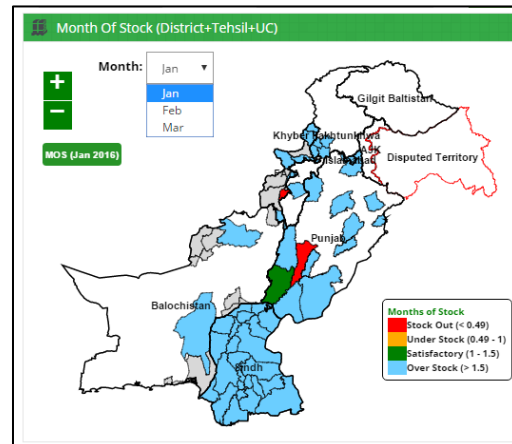
Stock on Hand (SOH): Stock on Hand is stock available at store at any time interval

Users can also export charts in JPEG, PNG, PDF and SVG format.



Month of Stock Map

Inventory management dashboard also shows month of stock map at the national level. Users can select the **Month** from the drop-down menu to view the MOS map for each month in the selected quarter.



Campaign Management Dashboard Tab

Campaign Management dashboard allows users to view the campaign dashboards by clicking on this tab. It will show:

- **Campaign Data Entry Status**
Shows the data entry stats for a selected campaign in the pie chart.
- **Day wise Target vs Coverage**
Shows the day wise comparison of target versus coverage stats.
- **Missed Children Types**
This is the comparison graph of defined different missed as well as unreachable list.
- **Campaign vaccines (vials)**
To show the list of each campaign's vaccines (vials) which are used in any or all districts in the specified time span.

Users can select the following filter:

- **Campaign:** select the desired campaign from the drop-down list.

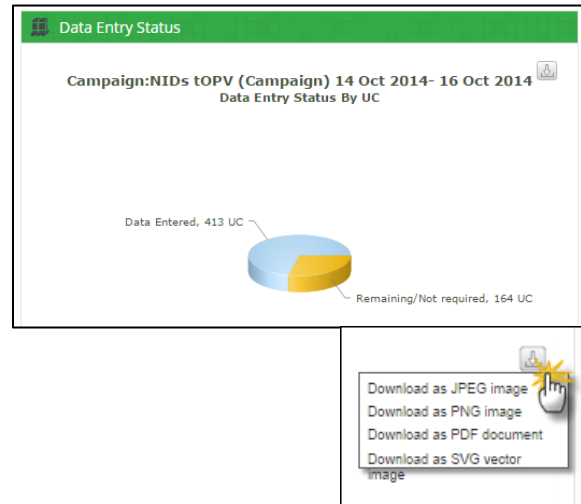
Campaign: NIDs tOPV (Campaign) 24 Mar 201.

Click **Go** to view campaign management dashboard graphs.

Data Entry Status

Campaign management dashboard shows the data entry status for each district in a pie chart. Users can view the reported (Data Entered) and non-reported (Remaining) districts in the chart.

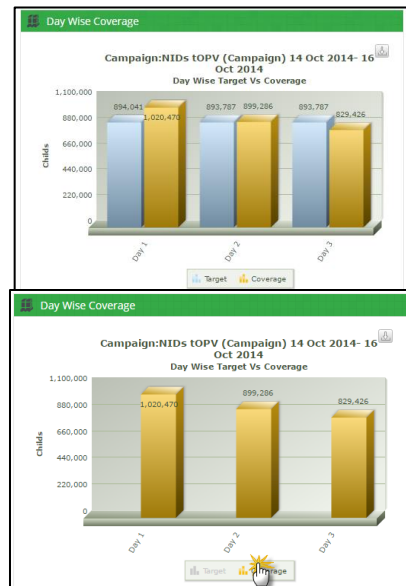
Users can also export charts in JPEG, PNG, PDF and SVG format.



Day Wise Target vs Coverage

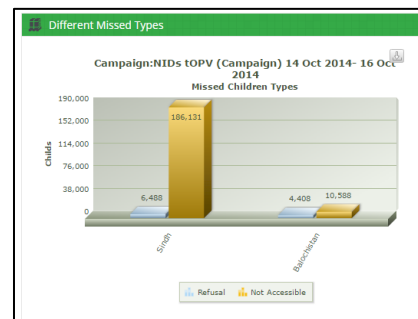
Campaign management dashboard also shows day wise target vs coverage for the selected campaign at the national level.

Click on **Target** or **Coverage** to view the target or coverage bar chart respectively. Users can also export charts in JPEG, PNG, PDF and SVG format.



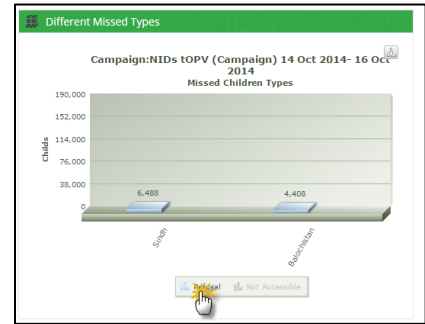
Missed Children Graph

Campaign management dashboard also shows different type of the missed or unreachable children in a graphical manner.



Click on **Refusal** or **Not Accessible** to view the refusal or not accessible children on the bar graph respectively.

Users can also export charts in JPEG, PNG, PDF and SVG format.



Campaign Vaccines

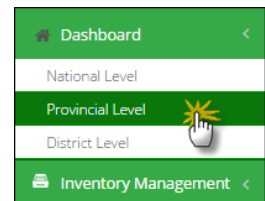
Campaign management dashboard also shows the list of each campaign's vaccines which are used in any or all districts in the specified time span.

The screenshot shows a table with the following columns: District Name, Vaccines, Vials Required, and Vials Used. Below the table, there is a dropdown menu with the following options: Download as JPEG image, Download as PNG image, Download as PDF document, and Download as SVG vector image.

District Name	Vaccines	Vials Required	Vials Used
---------------	----------	----------------	------------

Users can also export charts in JPEG, PNG, PDF and SVG format.

Select the Provincial Level to view the desired Dashboard.

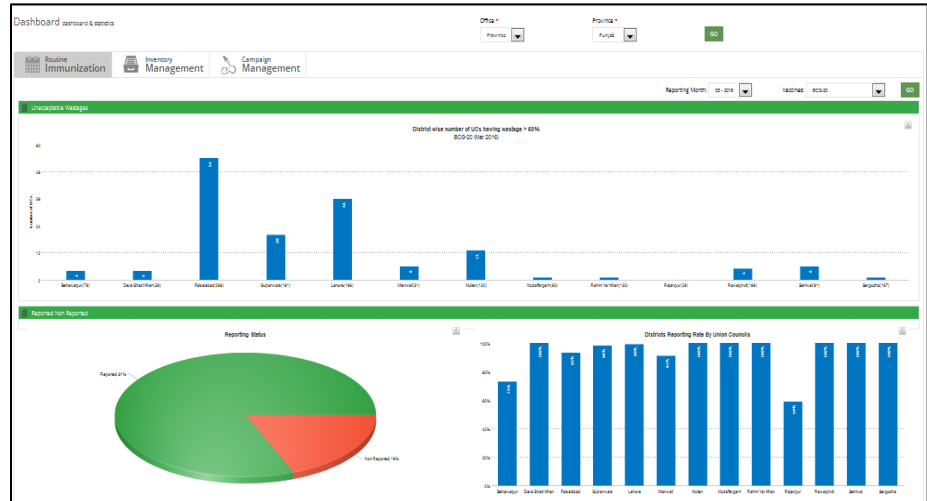


Provincial Level Dashboards

Applies to all user levels.

When the user selects the provincial level, a dashboard screen will be displayed with three tabs.

User can select the Office and Province at the top of the dashboard screen.



Province is selected by default at the provincial level dashboard. Select the Province and click **GO**.

The following dashboard tabs are available by default.

This screenshot shows the selection controls at the top of the dashboard. It includes two dropdown menus: 'Office *' with 'Province' selected, and 'Province *' with 'Punjab' selected. To the right of these dropdowns is a green 'GO' button.

- Routine Immunization
- Inventory Management
- Campaign Management

Routine Immunization Tab

Routine immunization management dashboard allows users to quickly view reports in a graphical manner by clicking on this tab.

- **Unacceptable Wastage**

This graph is the district wise percentage of vaccine wastages for the selected vaccine.

- **Reporting Status**

To show the reporting and non-reporting rates pie chart for each district in the selected province.

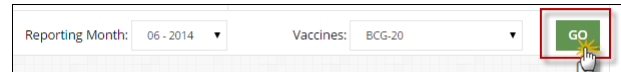
- **Month of Stock (MOS)**

User can view Month of stock status for the selected province (district wise).

- **Consumption**

Users can view consumption status in term of doses for the select province (district wise).

Users can select the following filters:



Reporting Month: 06 - 2014 Vaccines: BCG-20 GO

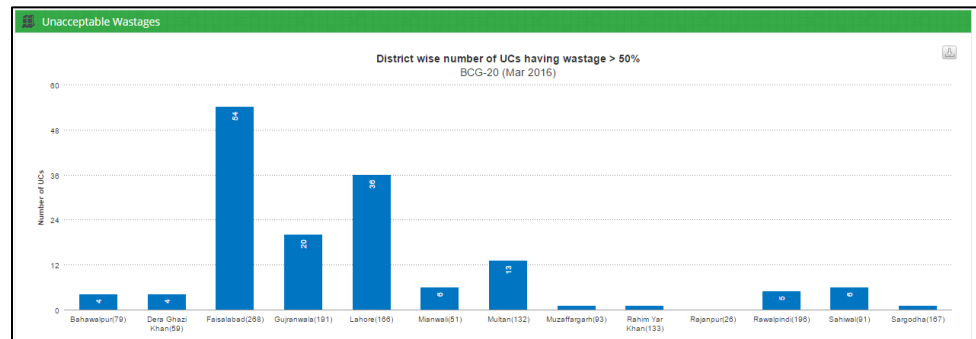
- **Reporting Month:** select the reporting month and year from the drop-down list.
- **Vaccines:** select the product from the drop-down list.

Click **Go** to view routine immunization graphs.

Unacceptable Wastages

Routine immunization management dashboard shows the district wise unacceptable wastages of the selected vaccine for the province / region. Users can view the bar graph for the wastage rates in each district.

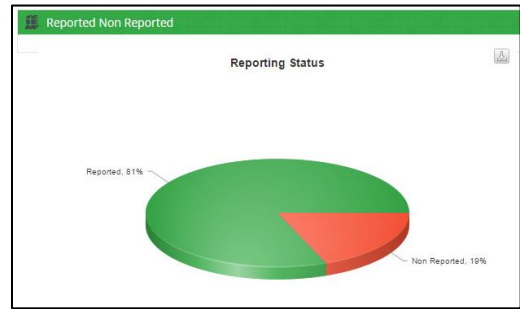
Users can also export graphs in JPEG, PNG, PDF and SVG format.



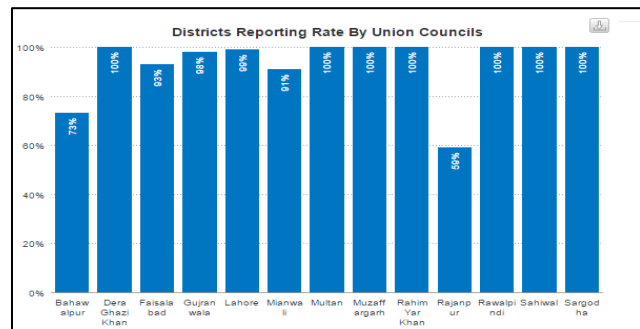
Reporting Status

Routine immunization management dashboard also shows reporting status for each district in the selected province in the form of a pie chart.

Click the reported or non-reported portion of the pie chart to view the district wise reporting rate.



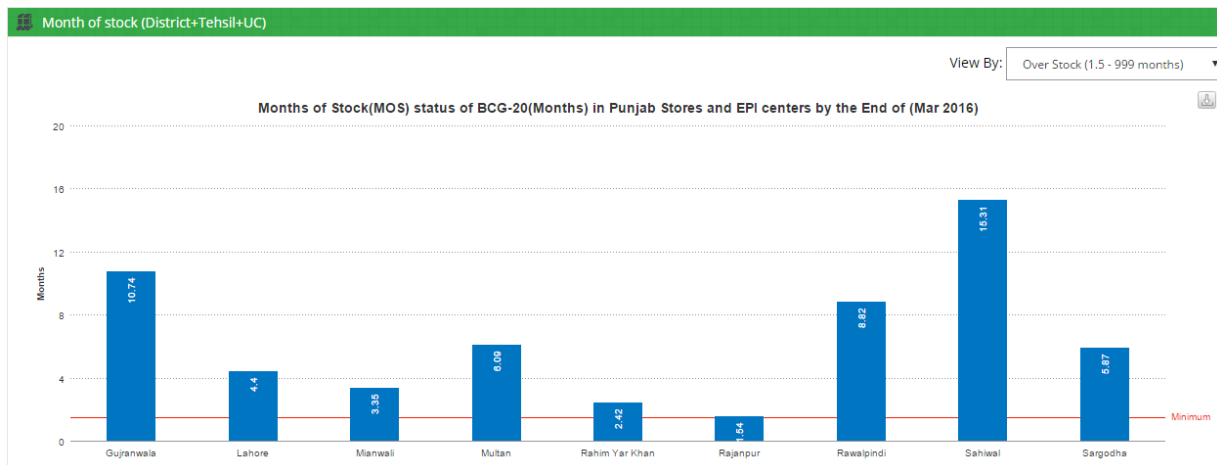
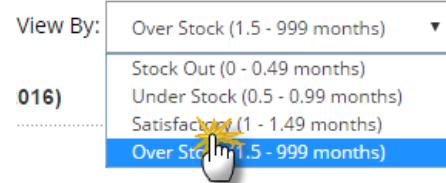
Users can also export charts in JPEG, PNG, PDF and SVG format.



Month of Stock

Routine immunization management dashboard also shows the month of stock status for each district in the selected province in the form of a bar graph.

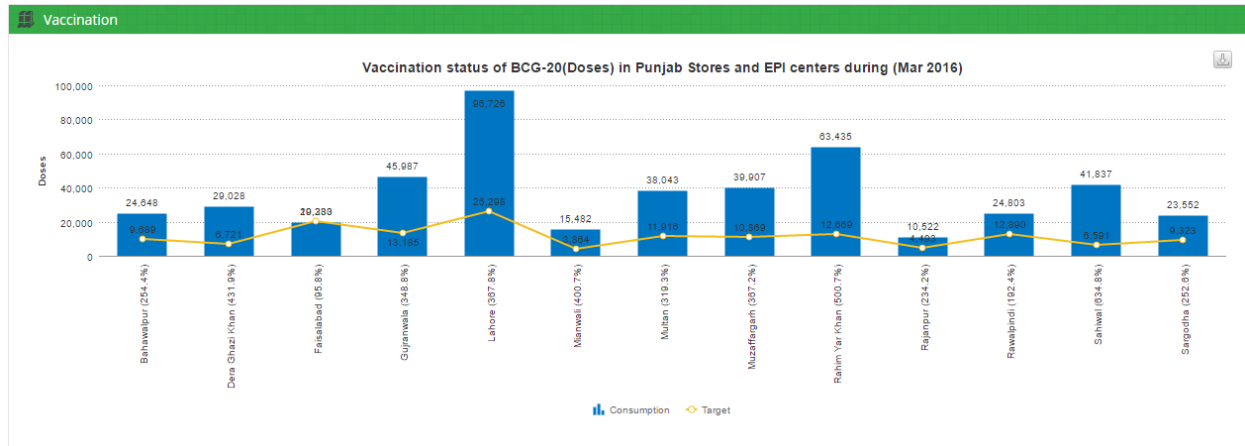
Select the **View By** from the drop-down menu. A bar graph for the over stock level for the selected vaccine in the districts of the selected province.



Users can also export charts in JPEG, PNG, PDF and SVG format.

Consumption Graph

Routine immunization management dashboard also shows the target vs. consumption graphs of the selected vaccine for each district in the selected province in the form of bar and line graphs.



Users can also export charts in JPEG, PNG, PDF and SVG format.

Inventory Management Tab

Inventory management allows users to quickly review reports by clicking on this tab.

- **Stock Status by Item**
Shows the stock status by item for each district in the selected province.
- **Vaccine vial monitor (VVM) Stage Status**
To show vaccine vial monitor (VVM) stage status at the Provincial level.
- **Stock Status**
To show product wise stock status at Provincial level
- **Month of Stock**
The user can have a bird's eye view of Month of Stock (MOS) map.
- **Stock Expiry Status**
It shows the stock expiry status pie chart for the selected vaccine.

Users can select the following filters:

Reporting Month: 06 - 2014 Vaccines: BCG-20 GO

- **Reporting Month:** select the reporting month and year from the drop-down list.

- **Vaccines:** select the product from the drop-down list.

Click **Go** to view inventory management dashboard.

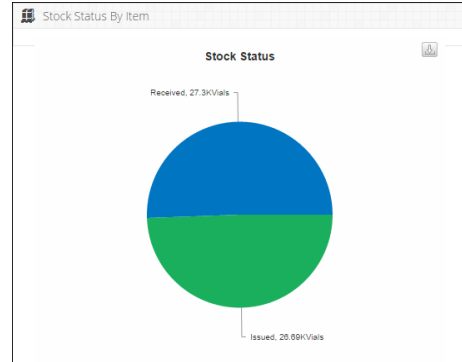
Stock Status by Item

Inventory management dashboard shows the stock status by item for all the districts in the selected province / region. Users can view the pie graph for the stock status (in vials) in each district.

Click the received stock portion of the pie chart to view

Receive From and **Issue To** list of stores.

Users can also export charts in JPEG, PNG, PDF and SVG format.

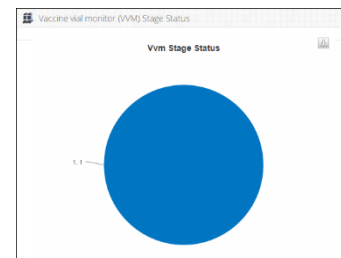


Receive From (Warehouse Name)			
S.No	Warehouse Name	Quantity	Batch Name
1	Federal EPI Store	27300	036D2054

Issue To (Warehouse Name)			
S.No	Warehouse Name	Quantity	Batch Name
1	District Rawalpindi Store	2400	036D2053
2	District Multan Store	2370	036D2054
3	District Faisalabad Store	2015	036D2052
4	District Sialkot	2000	036D2052
5	District Vehari	1590	036D2053
6	District Khanewal	1520	036D2054
7	District Bhawalpur Store	965	036D2054
8	District Lodhran	900	036D2054
9	District Kasur	895	036D2053
10	District Sargodha Store	820	036D2052
11	District Okara	820	036D2053
12	District Sheikhpura	775	036D2053
13	District Bahawalnagar	755	036D2057
14	District DG Khan Store	670	036D2053
15	District Jhang	665	036D2053

Vaccine vial monitor (VVM) Stage Status

Inventory Management dashboard also allows users to view vaccine vial monitor (VVM) stage status pie chart at the Provincial level. The



pie chart will be shown for the selected vaccine and the reporting month for one province / region.

Click on the pie chart to view **VVM Stage Status** list according to the batch.

Users can also export charts in JPEG, PNG, PDF and SVG format.

Vvm Stage Status		
S.No	Batch Name	Quantity
1	036D2053	7221
2	036D2054	11398
3	036D2057	2751
4	036D2058	945
5	036D2052	5700
6	837-1	2190
7	037G4064	23780

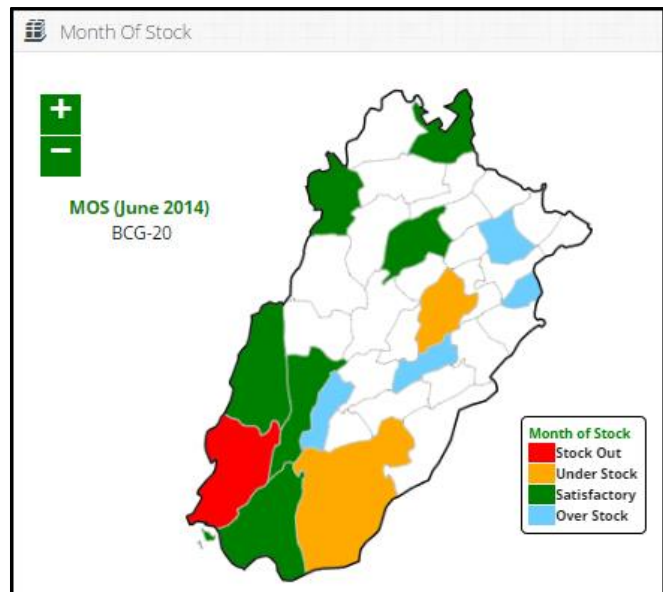
Stock Status

Inventory management dashboard shows the stock status (in doses) for all the vaccine products in the selected province / region. Users can view the report for the vaccines such as: OB (Opening Balance), Receive, Issue and CB (Closing Balance)

Stock Status				
Product wise Stock Status (Doses)				
Vaccines	OB	Receive	Issue	CB
bOPV	4,265,700	450,000	191,000	4,524,700
BCG-20	686,300	6,000	308,700	383,600
Pentavalent-1	641,232	308,701	459,300	490,633
Pneumococcal-2 (PCV10)	454,700	200,000	367,700	287,000
Measles-10	901,500	300,000	629,200	572,300
TT-10	190,300	106,400	146,600	150,100
TT-20	91,000	100,000	124,200	66,800
AD Syringe 0.05ml	0	0	0	0
AD Syringe 0.5ml	0	0	0	0

Month of Stock Map

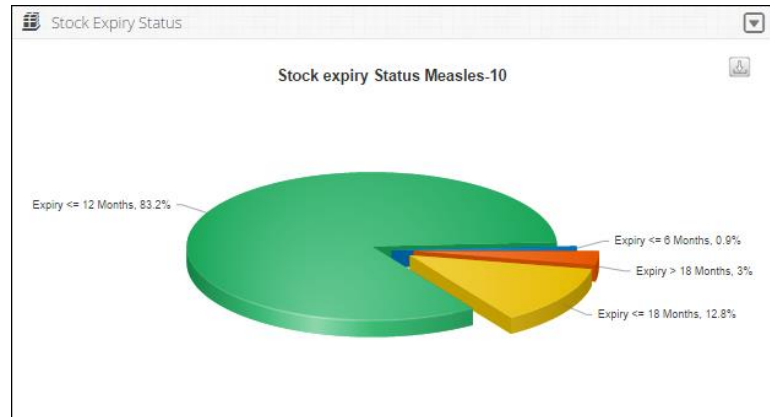
Inventory management dashboard also shows month of stock map at the provincial level. Users can view the MOS map for the selected month and vaccine.



Stock Expiry Status

Inventory management dashboard also shows stock expiry status pie chart at the provincial level. Users can view the percentage expiry status of the selected vaccine in months.

Users can also export the pie chart in JPEG, PNG, PDF and SVG format.



Cold Chain Equipment Management Tab

Cold Chain Equipment Management dashboard allows users to view the cold chain capacity map at the provincial level by clicking on this tab.

- **Cold Chain Capacity**

This map shows the map of Pakistan highlighting the cold chain capacity of each district in the selected province.

- **Vaccine storage capacity at +2c to +8c**

To show the storage capacity of vaccines at certain temperature range within selected health facilities.

- **Vaccine storage capacity at +20c**

To show the storage capacity of vaccines at 20 degrees centigrade within selected health facilities.

- **Icepack freezing capacity against routine requirements**

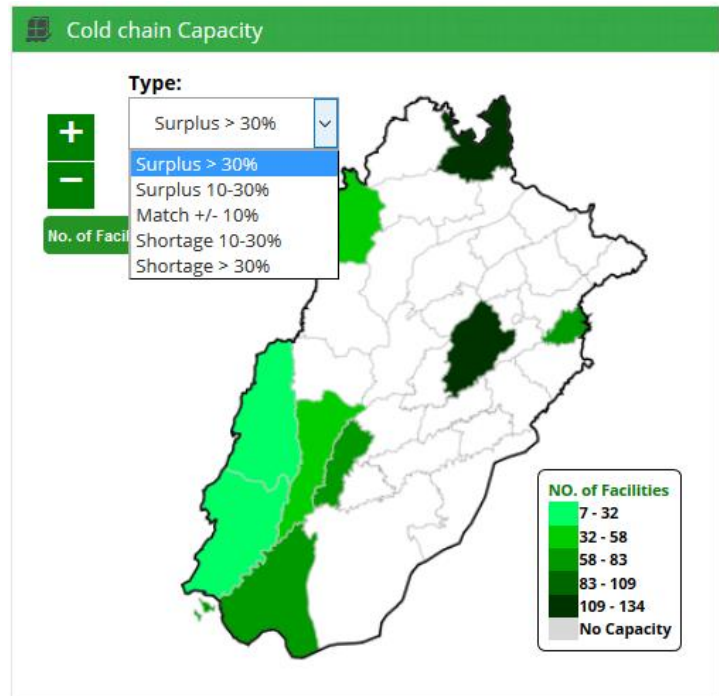
To show the icepack freezing capacity within selected health facilities.

Cold Chain Capacity

Cold Chain Capacity map displays number of health facilities in a district with their level of cold chain capacity meeting with their requirements.

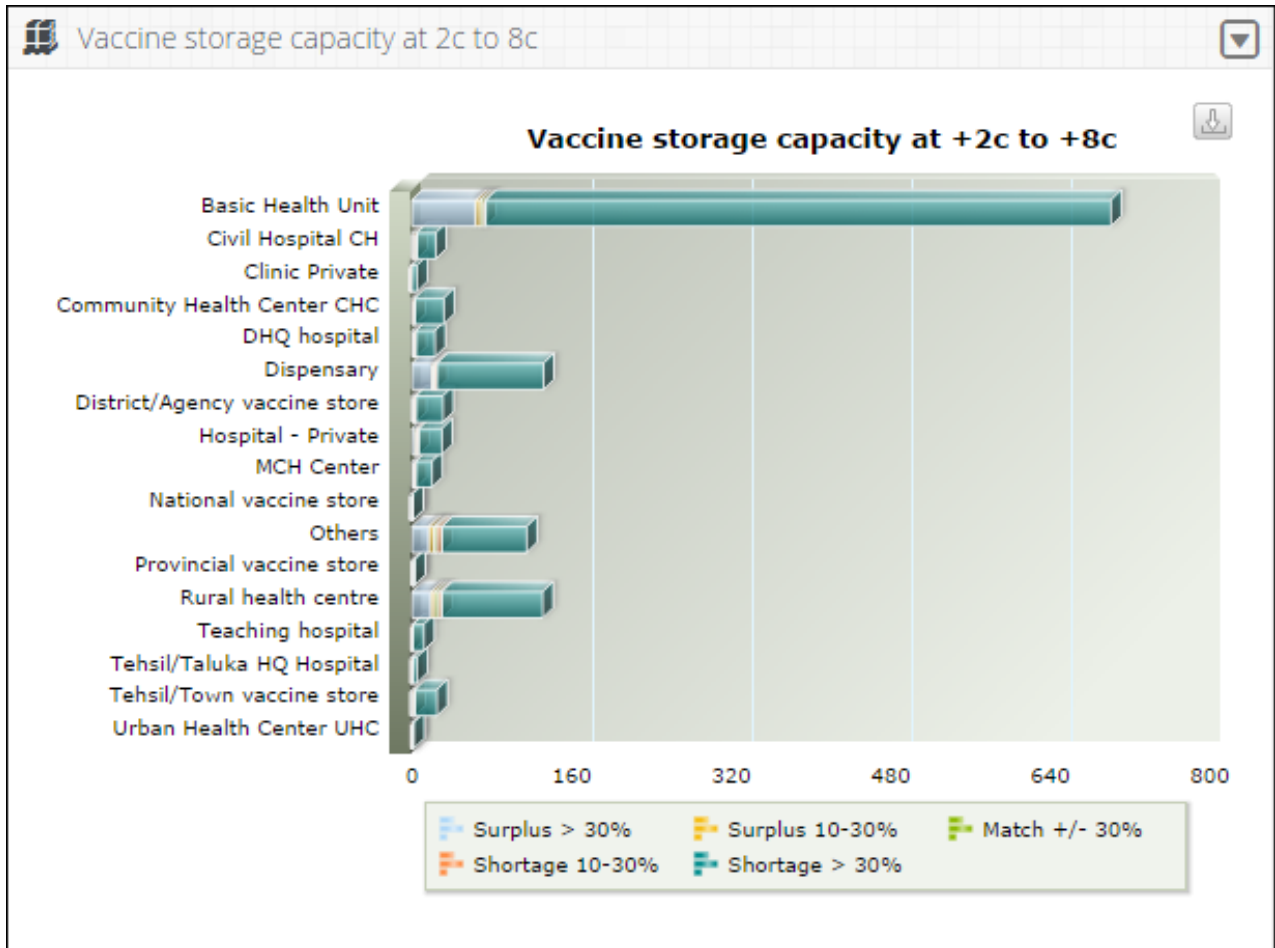
The user can choose health facility capacity type from the drop-down menu.

- Surplus > 30% : Health facilities having cold chain capacity 30% more than their requirement
- Surplus 10%-30% : Health facilities having cold chain capacity around 10-30% than their requirement
- Match: Health facilities having cold chain capacity matching with their requirement
- Shortage 10%-30% : Health facilities having cold chain capacity 10-30% less than their requirement
- Shortage > 30% : Health facilities having cold chain capacity 30% less than their requirement



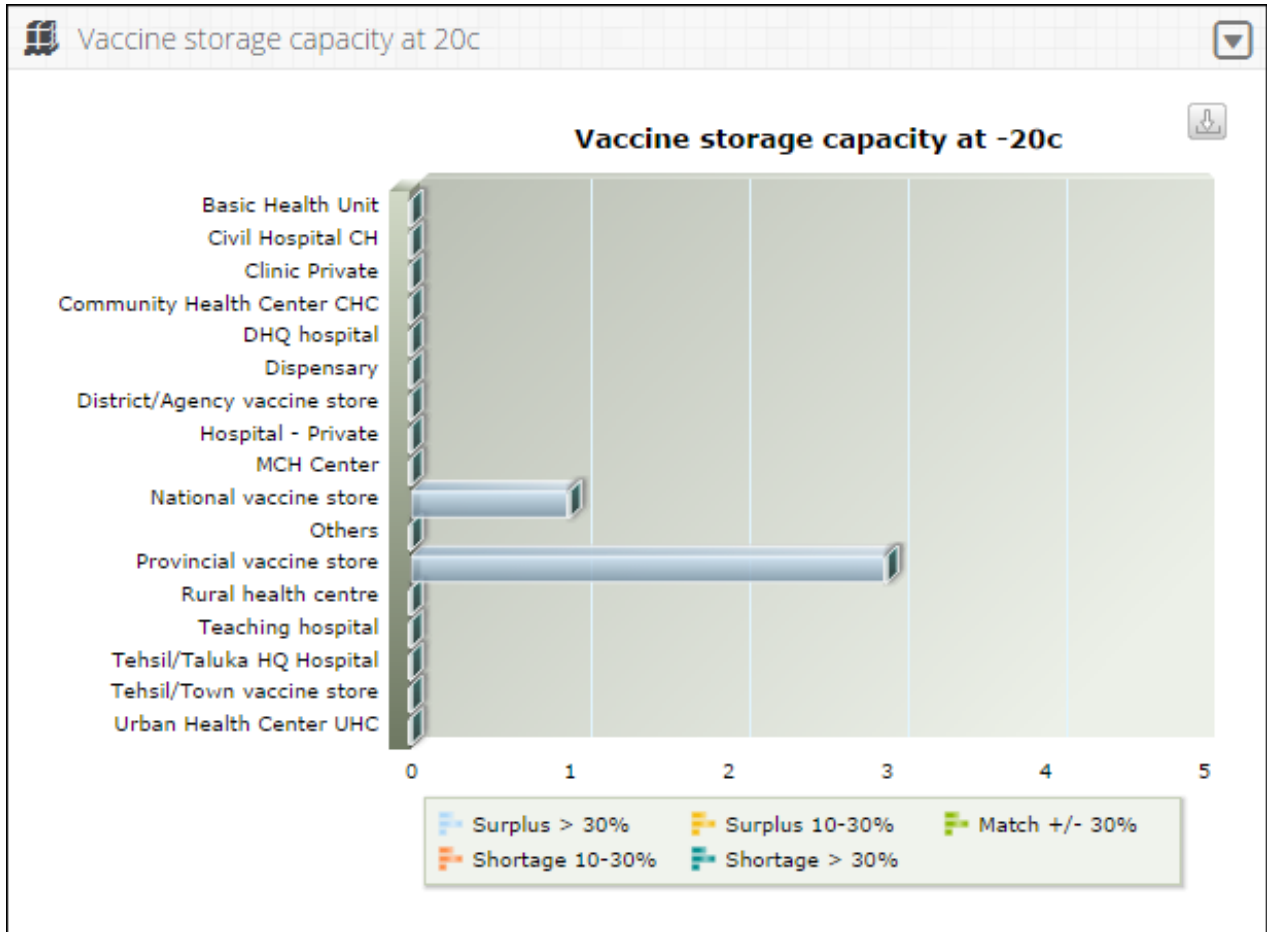
Vaccine Storage Capacity at +2c to +8c

Vaccine Storage Capacity at +2c to +8c will be displayed on the Provincial level in the form of a bar graph. The user can view the health facilities list on the vertical axis while the capacity range is shown on the horizontal axis.



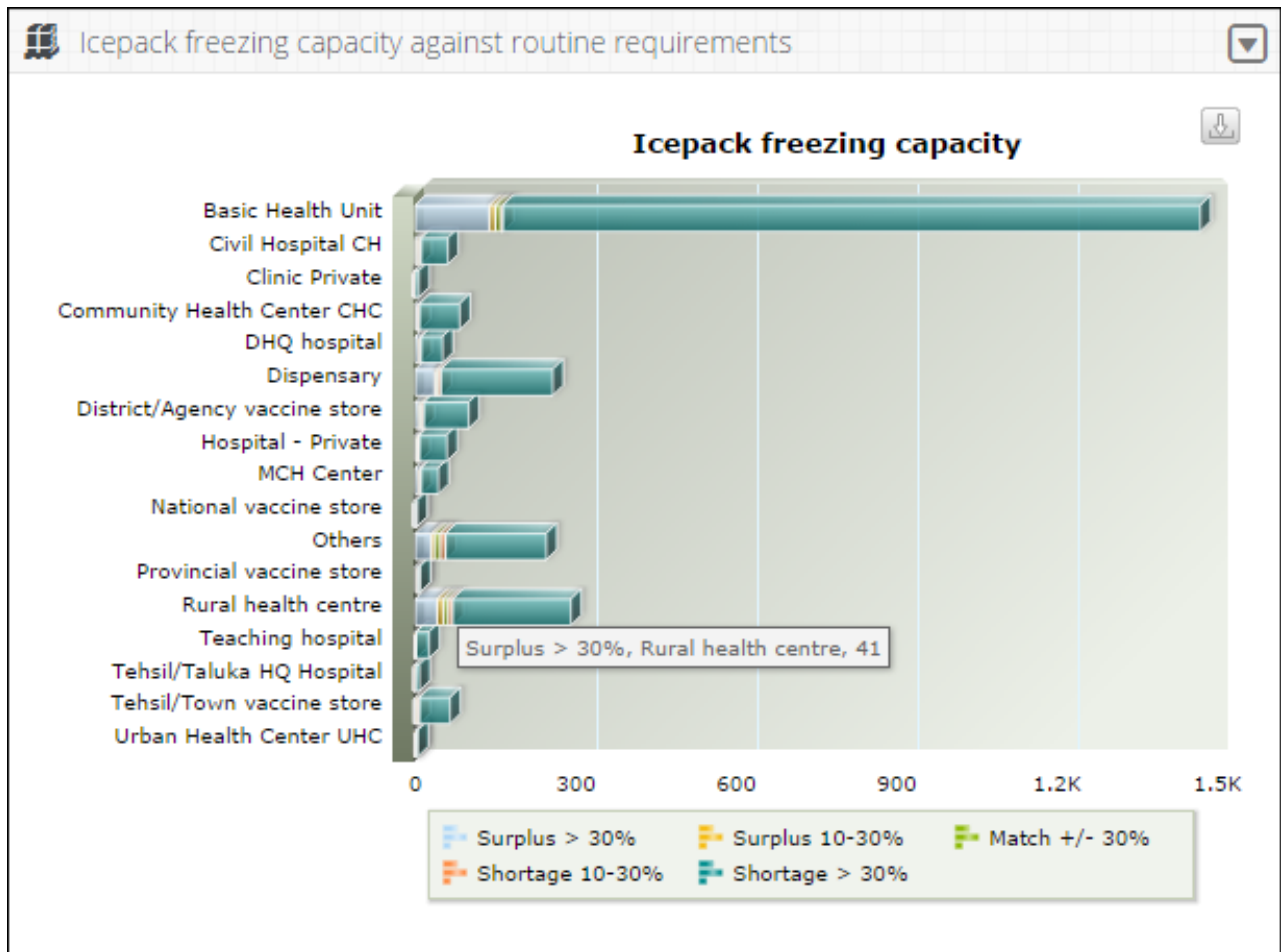
Vaccine Storage Capacity at +20c

Vaccine Storage Capacity at +20c will be displayed on the Provincial level in the form of a bar graph. The user can view the health facilities list on the vertical axis while the capacity range is shown on the horizontal axis.



Icepack freezing capacity against routine requirements

Cold chain equipment management dashboard will also display icepack freezing capacity graph against routine requirements on the Provincial level in the form of a bar graph. The user can view the health facilities list on the vertical axis while the capacity range is shown on the horizontal axis.



Campaign Management Tab

Campaign Management dashboard allows users to view the campaign reports and graphs by clicking on this tab. It will show:

- **Campaign Data Entry Status**
Shows the data entry stats for a selected campaign in the pie chart.
- **Day wise Target vs Coverage**
Shows the day wise comparison of target versus coverage stats.
- **Missed Children Types**
This is the comparison graph of defined different missed as well as unreachable list.
- **Campaign vaccines (vials)**
To show the list of each campaign's vaccines (vials) which are used in any or all districts in the specified time span.

Users can select the following filter:

- **Campaign:** select the desired campaign from the drop-down list.

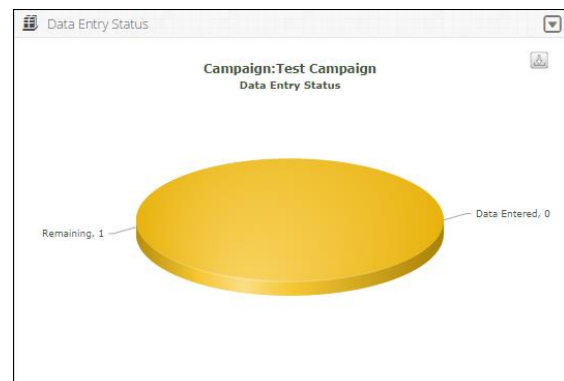


A screenshot of a web form. On the left, there is a dropdown menu labeled 'Campaign:' with 'Test Campaign' selected. To the right of the dropdown is a green button with the text 'GO' in white. The entire form area is enclosed in a thin black border.

Click **Go** to view campaign management dashboard graphs.

Data Entry Status

Campaign management dashboard shows the data entry status for each district in a pie chart. Users can view the reported (Data Entered) and non-reported (Remaining) districts in the chart. Users can also export charts in JPEG, PNG, PDF and SVG format.

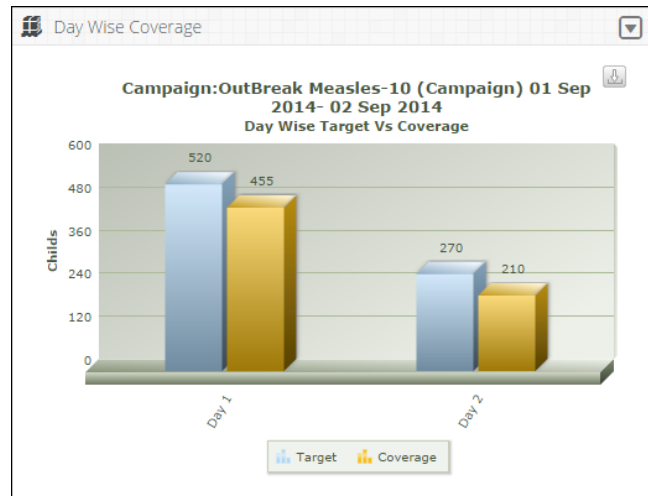


Day Wise Target vs Coverage

Campaign management dashboard also shows day wise target vs coverage for the selected campaign at the national level.

Click on **Target** or **Coverage** to view the target or coverage bar chart respectively.

Users can also export charts in JPEG, PNG, PDF and SVG format.

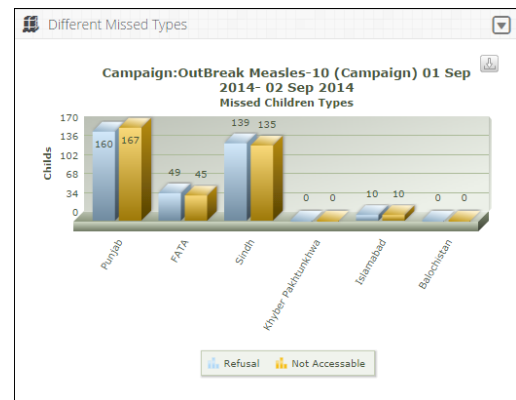


Missed Children Graph

Campaign management dashboard also shows different type of the missed or unreachable children in a graphical manner.

Click on **Refusal** or **Not Accessible** to view the refusal or not accessible children on the bar graph respectively.

Users can also export charts in JPEG, PNG, PDF and SVG format.



Campaign Vaccines

Campaign management dashboard also shows the list of each campaign's vaccines which are used in any or all districts in the specified time span.

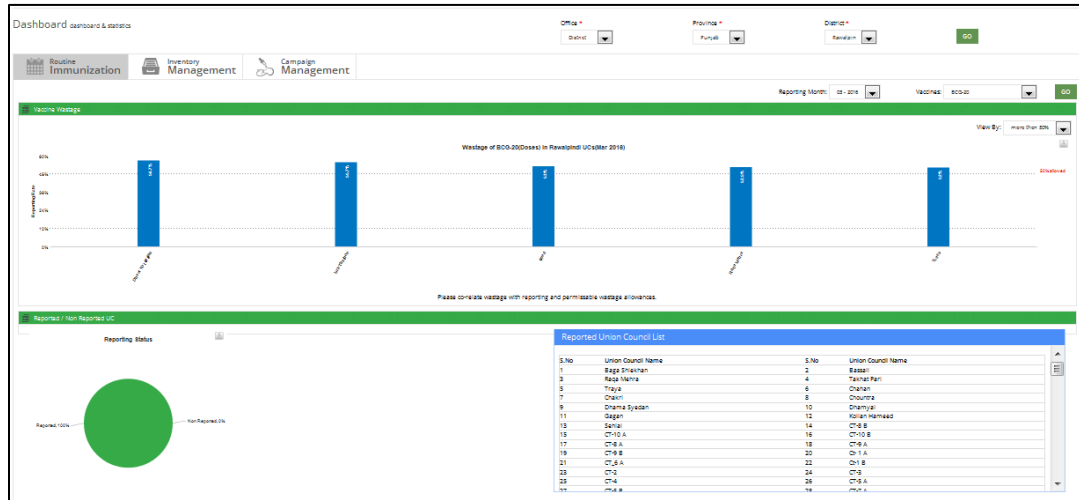
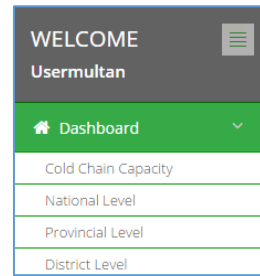
Users can also export charts in JPEG, PNG, PDF and SVG format.

District Name	Vaccines	Vials Required
Dera Ghazi Khan	Measles-10 (Campaign)	25
Gujranwala	Measles-10 (Campaign)	27
Lahore	Measles-10 (Campaign)	27
Multan	Measles-10 (Campaign)	15
Rahim Yar Khan	Measles-10 (Campaign)	40
Rawalpindi	Measles-10 (Campaign)	55
Sahiwal	Measles-10 (Campaign)	35
Sargodha	Measles-10 (Campaign)	35

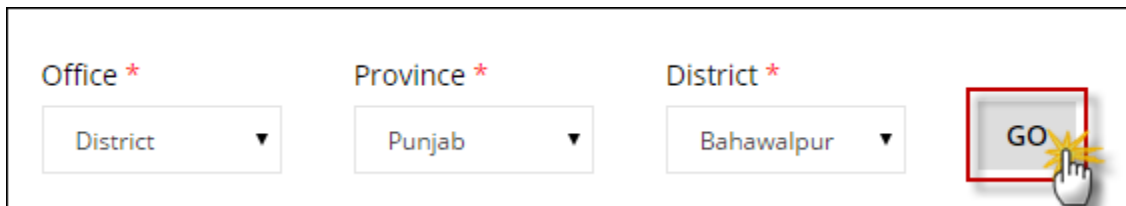
Select the District Level to view the desired Dashboard.

District Level Dashboards

When the user selects the district level, a dashboard screen will be displayed with three tabs.



User can select the Office, Province at the top of the dashboard screen. Province and District is selected by default at the district level dashboard. Select the Province and the district and click GO.



The following dashboard tabs are available by default.

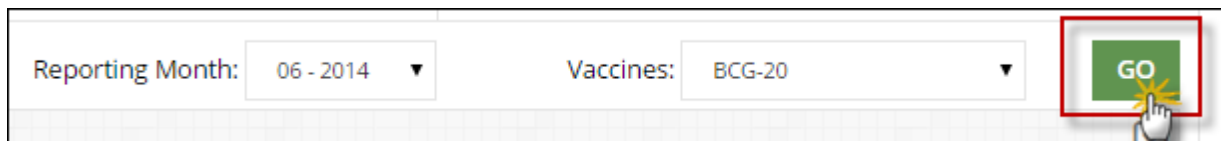
- Routine Immunization
- Inventory Management
- Campaign Management

Routine Immunization Tab

Routine immunization management dashboard allows users to quickly view reports in a graphical manner by clicking on this tab.

- **Vaccine Wastage**
To show the wastage rates of the selected vaccines at the UC level in the selected district.
- **Reporting Status**
To show the reporting and non-reporting rates pie chart for union councils of the selected district and vaccine.
- **Month of Stock (MOS)**
User can view Month of stock status for the selected district (UC wise).
- **Consumption**
Users can view consumption status in term of doses for the selected regions in a district (UC wise).

Users can select the following filters:



Reporting Month: 06 - 2014 ▼ Vaccines: BCG-20 ▼ GO

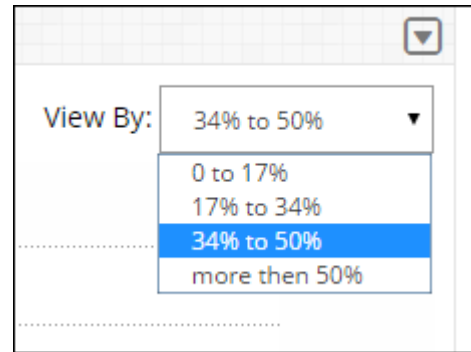
- **Reporting Month:** select the reporting month and year from the drop-down list.
- **Vaccines:** select the product from the drop-down list.

Click **Go** to view routine immunization graphs.

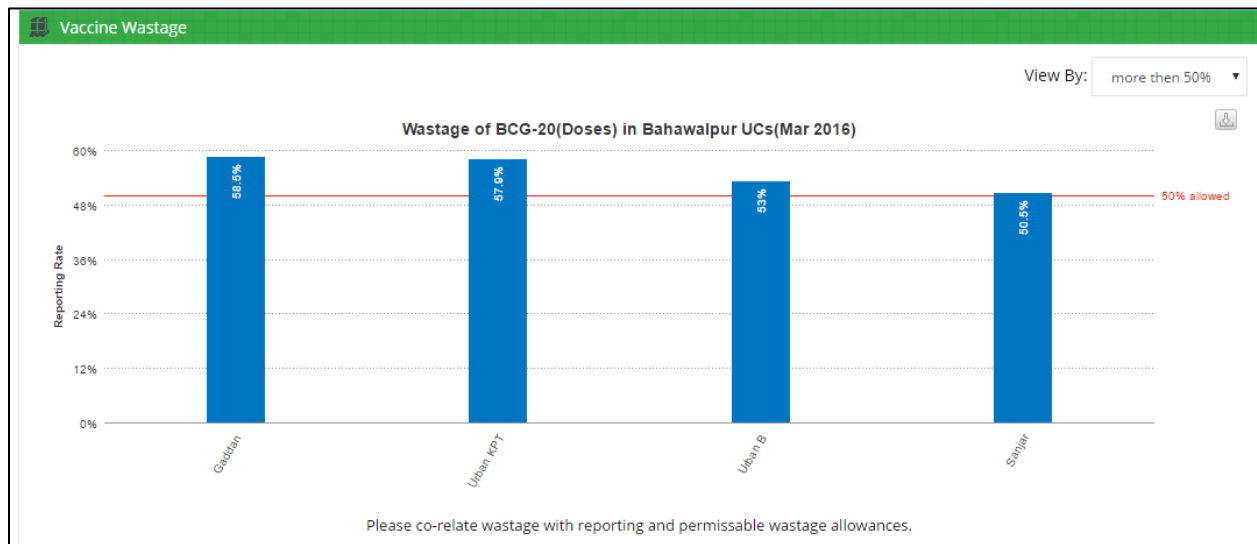
Vaccine Wastage

Routine immunization management dashboard shows the UC wise vaccine wastages of the selected vaccine for the district. Users can view the bar graph for the wastage rates in each UC.

Select the **View By** from the drop-down menu.



A bar graph for the selected percentage of stock for the selected vaccine in the UCs of the selected district will be displayed.



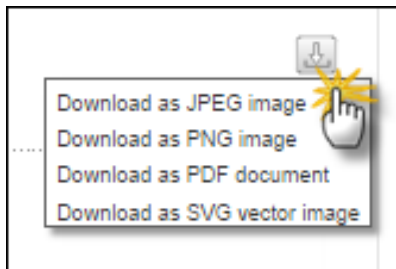
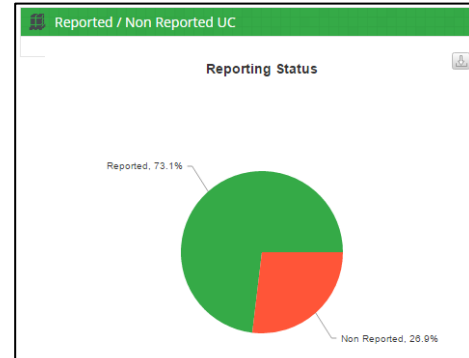
Users can also export graphs in JPEG, PNG, PDF and SVG format.

Reporting Status

Routine immunization management dashboard also shows reporting status for each UC in the selected district in the form of a pie chart.

Click the reported or non-reported portion of the pie chart to view the district wise reporting rate.

Users can also export charts in JPEG, PNG, PDF and SVG format.



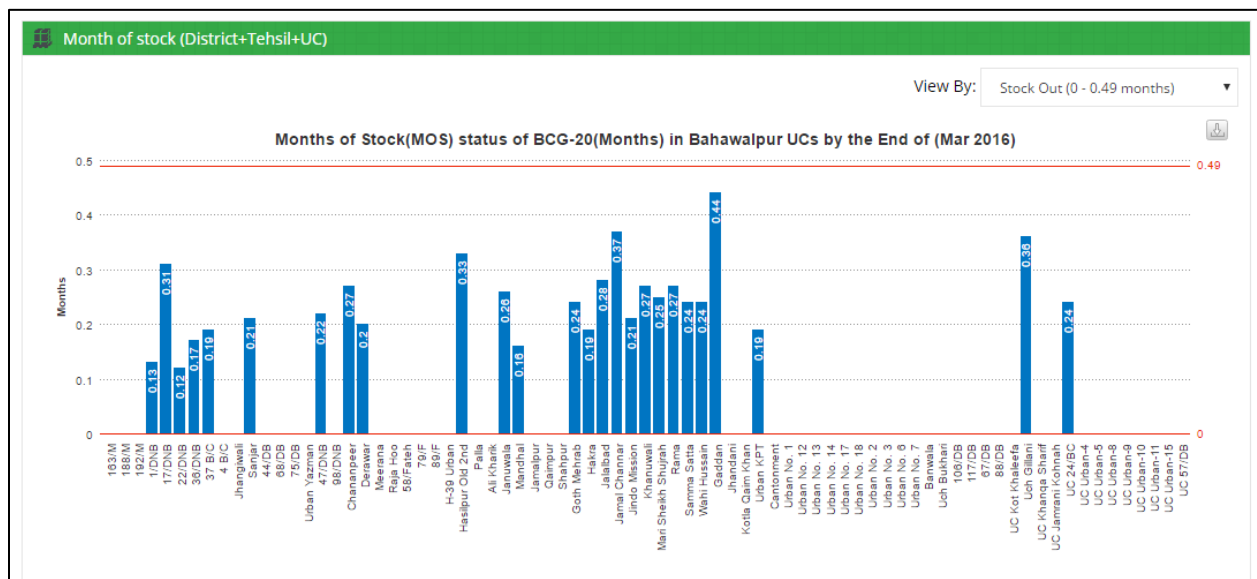
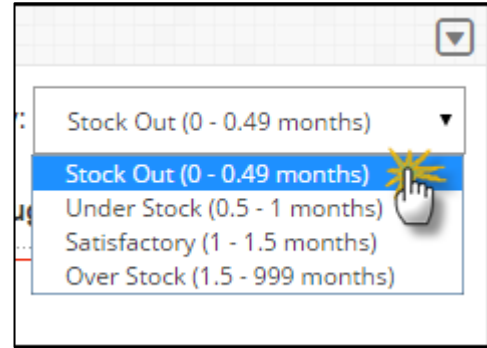
Reported Union Council List			
S.No	Union Council Name	S.No	Union Council Name
1	163/M	2	188/M
3	192/M	4	1/DNB
5	17/DNB	6	22/DNB
7	36/DNB	8	37 B/C
9	12 B/C	10	4 B/C
11	Jhangiwali	12	Sanjar
13	47/DNB	14	98/DNB
15	Chananpeer	16	Derawar
17	Meerana	18	Chani Goth
19	Mahand Sharif	20	Raja Hoo
21	58/Fateh	22	79/F
23	89/F	24	H-38 Urban
25	H-39 Urban	26	Hasilpur Old 2nd
27	Palla	28	Ali Kharik

Month of Stock

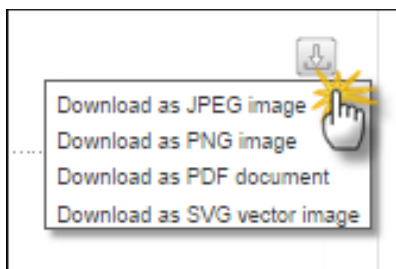
Routine immunization management dashboard also shows the month of stock status for each UC in the selected district in the form of a bar graph.

Select the **View By** from the drop-down menu.

A bar graph for the stock-out level of stock for the selected vaccine in the districts of the selected province.



Users can also export charts in JPEG, PNG, PDF and SVG format.

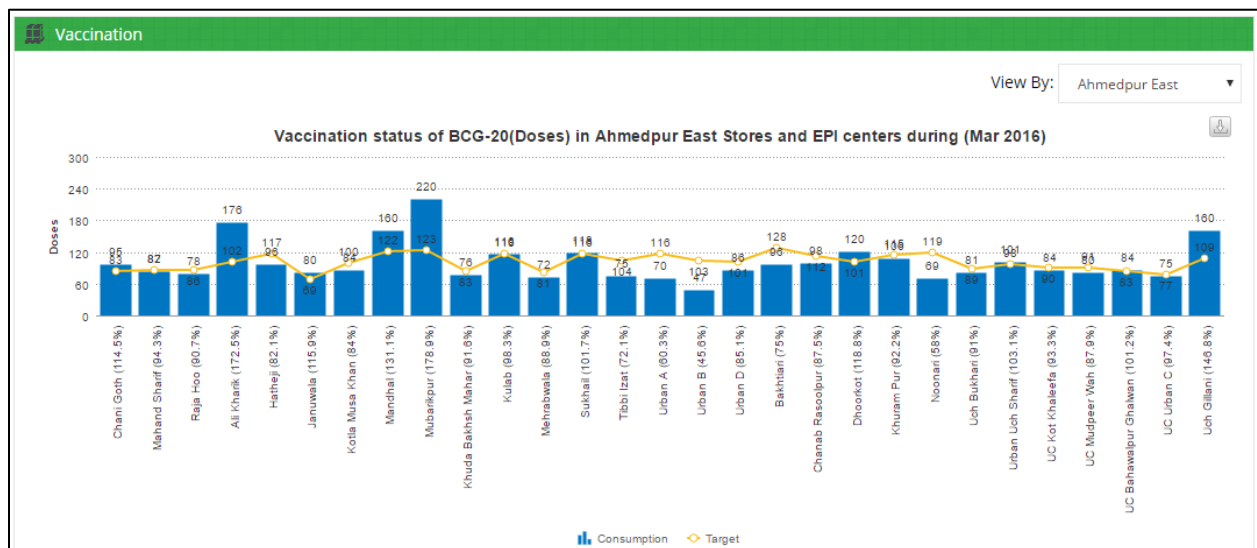
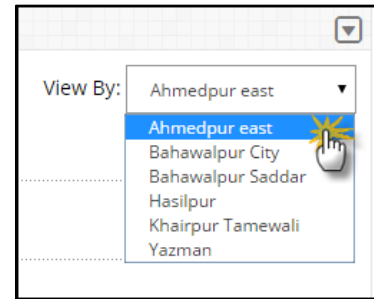


Consumption Graph

Routine immunization management dashboard also shows the consumption status of the selected vaccine for each district in the selected province in the form of a bar graph.

Select the **View By** from the drop-down menu.

A target vs. consumption graph will be displayed for the UCs in the selected region of the district



Users can also export charts in JPEG, PNG, PDF and SVG format.



Inventory Management Tab

Inventory management allows users to quickly review reports by clicking on this tab.

- **Stock Status by Item**
Shows the stock status by item for each UC in the selected district.
- **Vaccine vial monitor (VVM) Stage Status**
To show vaccine vial monitor (VVM) stage status at the District level.
- **Stock Status**
To show product wise stock status at the district level e.g. Opening Balance, Receive, Issue and Closing Balance.
- **Month of Stock**
The user can have a bird's eye view of Month of Stock (MOS) map.
- **Stock Expiry Status**
It shows the stock expiry status pie chart for the selected vaccine.

Users can select the following filters:

Reporting Month:	03 - 2016 ▼	Vaccines:	BCG-20 ▼	GO
------------------	-------------	-----------	----------	----

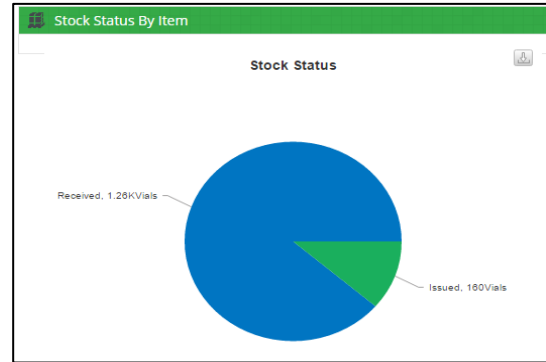
- **Reporting Month:** select the reporting month and year from the drop-down list.
- **Vaccines:** select the product from the drop-down list.

Click **Go** to view inventory management dashboard

Stock Status by Item

Inventory management dashboard shows the stock status by item for all the districts in the selected province / region. Users can view the pie graph for the stock status (in vials) in each district.

Click the received stock portion of the pie chart to view **Receive From** and **Issue To** list of stores. Users can also export charts in JPEG, PNG, PDF and SVG format.

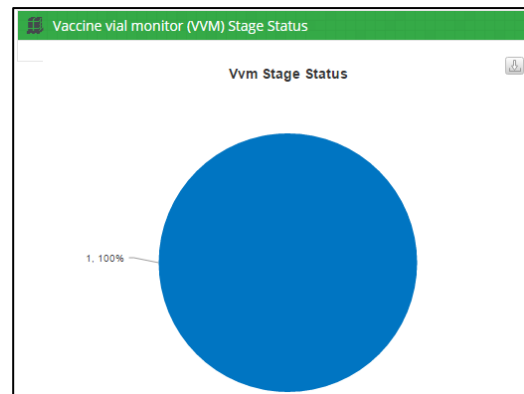


Received From (Store Names)			
S.No	Warehouse Name	Quantity	Batch Name
1	Punjab EPI Store	1260	103-1

Vaccine vial monitor (VVM) Stage Status

Inventory Management dashboard also allows users to view vaccine vial monitor (VVM) stage status pie chart at the district level. The pie chart will be shown for the selected vaccine and the reporting month for one district.

Click on the pie chart to view **VVM Stage Status** list according to the batch. Users can also export charts in JPEG, PNG, PDF and SVG format.



Vvm Stage Status		
S.No	Batch Name	Quantity
1	102-2	1,650

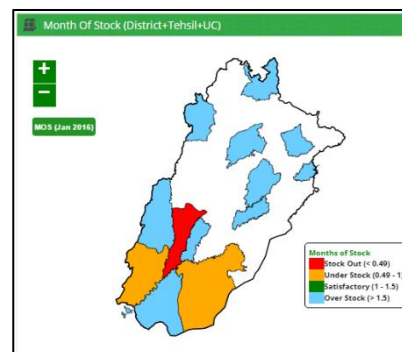
Stock Status

Inventory management dashboard shows the stock status (in doses) for all the vaccine products in the selected district. Users can view the report for the vaccines such as OB (Opening Balance), Receive, Issue Closing Balance.

Stock Status				
Product wise Stock Status (Vials)				
Vaccines	OB	Receive	Issue	CB
bOPV	50,555	42,050	0	92,605
bOPV (IHR)	585	0	0	585
bOPV (PTP)	4,000	2,400	0	6,400
IPV	2,110	0	60	2,050
mOPV-1	0	0	0	0
tOPV	12,170	4,300	450	16,020

Month of Stock Map

Inventory management dashboard also shows month of stock map at the district level with the highlighted MOS for the selected district. Users can view the MOS map for the selected month and vaccine.



Campaign Management Tab

Campaign Management dashboard allows district level users to view the campaign reports and graphs by clicking on this tab. It will show:

- **Campaign Data Entry Status pie chart**
Shows the data entry stats in the pie chart.
- **Day wise Target vs Coverage bar graph**
The day wise comparison of target versus coverage stats.
- **Missed Children Types bar graph**
This is the comparison graph of defined different missed as well as unreachable list.
- **Campaign vaccines (vials) required in Districts report**
To show the list of each campaign's vaccines which are used in any or all districts in the specified time span.

Users can select the following filter:

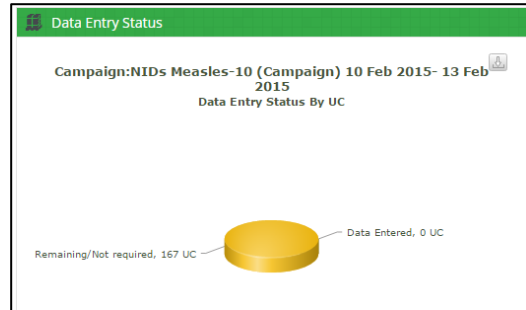
Campaign: SNID tOPV (Campaign) 12 Oct 201!

- **Campaign:** select the desired campaign from the drop-down list.

Click **Go** to view campaign management dashboard graphs.

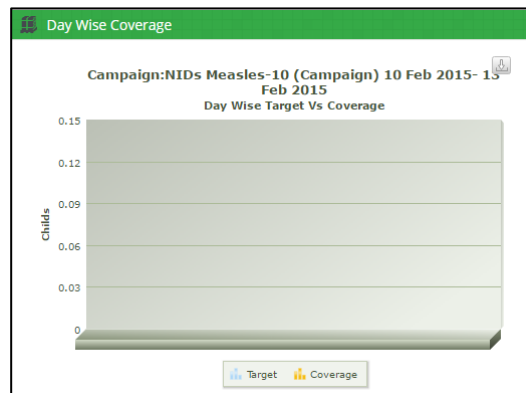
Data Entry Status

Campaign management dashboard shows the data entry status for each district in a pie chart. Users can view the reported (Data Entered) and non-reported (Remaining) districts in the chart. Users can also export charts in JPEG, PNG, PDF and SVG format.



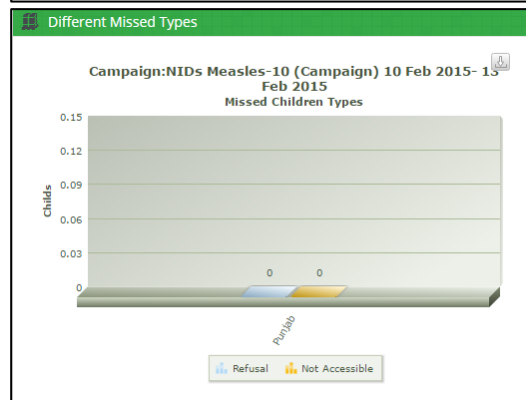
Day Wise Target vs Coverage

Campaign management dashboard also shows day wise target vs coverage for the selected campaign at the district level. Users can also export charts in JPEG, PNG, PDF and SVG format.



Missed Children Graph

Campaign management dashboard also shows different type of the missed or unreachable children in a graphical manner. Users can also export charts in JPEG, PNG, PDF and SVG format.



Campaign Vaccines

Campaign management dashboard also shows the list of each campaign's vaccines which are used in any or all UCs in the specified time span. Users can also export charts in JPEG, PNG, PDF and SVG format.

District Name	Vaccines	Vials Required	Vials Used
---------------	----------	----------------	------------

Inventory Management

Inventory Management feature enables users to manage the inventory for the respective store/facility. It is a component of supply chain management and supervises the flow of products from manufacturers to stores and from these facilities to the children and mothers. One of the key functions of inventory management is to keep a detailed record of each new or returned product as it enters or leaves a store or distributed to mother / children. Inventory Management feature enables the Store user to manage the inventory within store.

User can perform the following:

- **Add Requisition:** Provincial user can send stock demand to the National level user.
- **Requisition Search:** Provincial user can search requisitions.
- **Requisition Approval:** National user can approve requisitions.
- **Stock Receive from Supplier:** National and Provincial users can receive stock from supplier.
- **Stock Receive from Store:** Users can receive stock from other stores.
- **Receive Search:** users can search the received stock from other stores or suppliers.
- **Stock Issue:** The stock is issued to other stores on demand.
- **Stock Issue Search:** users can search the issued stock to other stores.
- **Batch Management:** When stock is received, user can manage and view vaccines batches priorities based on expiry and VVM stage and for dry store products can view priority based on expiry date.
- **Add Adjustment:** If stock is lost or recovered, user can add adjustments in vLMIS.
- **Search Adjustment:** User can search the added adjustments for a selected duration.

Inventory Management
Requisition Approval
Add Shipments
Shipments - Search
Stock Receive (Supplier)
Stock Receive from Store
Stock Receive - Search
Batch Management
Stock Issue/Dispatch
Stock Issue - Search
Add Adjustment
Adjustment - Search
Purpose Transfer
VVM Management

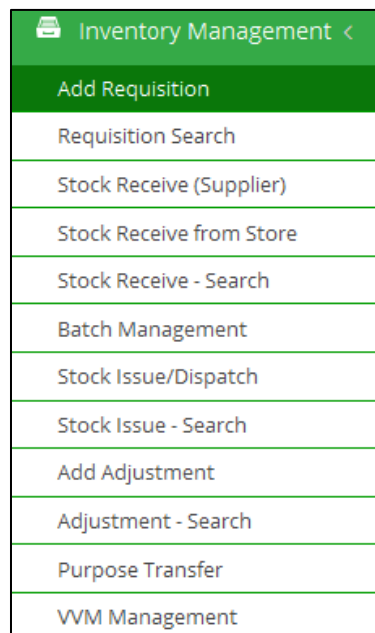
- **Purpose Transfer:** User can transfer received stock against routine purpose to campaign and vice versa for optimal utilization of the stock and to avoid stock wastages due to expiry or VVM stage.
- **VVM Management:** User can update VVM stage of vaccines after physical inspection of stock.

Add Requisition

Applies to Provincial level users.

The EPI user (Provincial level) can send stock demand to the National level user. To add requisition:

1. Sign in to the user account.
The User Home Page displays.
2. Under **Inventory Management**, click **Add Requisition**.
The Stock Requisition Form screen displays.



3. The Stock Requisition Form screen displays.

The screenshot shows a web-based form titled "Stock Requisition Form". At the top, there is a green header bar with the text "Fill out this form" and a small downward arrow icon. Below the header, the form is organized into several sections:

- Requisition No:** A dropdown menu with "New" selected.
- Period *:** A dropdown menu with "1st Quarter - 2016" selected.
- Requisition Reference:** An empty text input field.
- To Store *:** A dropdown menu with "Federal Vaccine Store" selected.
- Purpose *:** A dropdown menu with "Routine" selected.
- Suggested Pickup/Delivery Date *:** A date input field showing "01/12/2016".
- Product *:** A dropdown menu with "Dropper" selected.
- Used for:** A dropdown menu with "tOPV" selected.
- Quantity Required (Vials) *:** A text input field with "1,000" entered.
- Allocated Qty for the Period:** An empty text input field.
- Remaining Balance for the Period:** An empty text input field.

In the bottom right corner of the form, there is a green button labeled "Add to List".

4. Specify the following information:

- **Requisition No:** is an automatically generated number for identifying the requisition.
- **Period:** specify the period.
- **Requisition Reference:** specify the reference number.
- **To Store:** specify store for demand.
- **Purpose:** specify the purpose of stock receive. If the selected purpose is campaign, specify the campaign for which stock is required.
- **Suggested Pickup/Delivery Date:** Click on Suggested Pickup/Delivery Date to expand the date picker tool.

Receive Date

16/10/2013

October 2013

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Select the Date using date Picker tool

- **Product:** select the product from the list.
- **Used for:** select the product for which this product is used.
- **Quantity Required (Vials):** specify the quantity of the product.
- **Allocated Qty for the Period:** This auto generated field displays allocated quantity for selected period.
- **Remaining Balance for the Period:** This auto generated field displays remaining balance for the selected period.

Click **Add to list** for detail.

The following screen will appears.

Requisition Detail

S. No.	Date	Product	Unit	To Store	Demand Qty	Pickup/Delivery Date	Action
1	03/06/2016	BCG-20	Vials	Federal Vaccine Store	1,000	01/12/2016	✕

Comments (Max 300 Char)

Attachment: Browse..

Save Print Cancel

User can cancel and save the requisition. User can add further requisitions according to the procedure described above. These requisitions will be added to the same list.

Click **Save** to permanently save the requisition.

Requisition Search

Applies to Provincial level users.

To search for a requisition entry:

1. Sign in to the user account.
The User Homepage displays.
2. Under **Inventory Management**, click **Requisition Search**.
The Requisition Search page displays.

Requisition Search

Filters ▼

Store: From Date: To Date: Status:

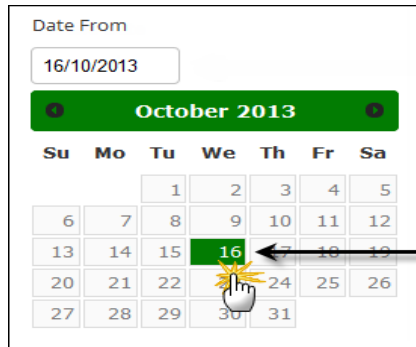
Requisitions List ▼

S.No	Req.No	Ref. No.	To Store	Period	Purpose	Pickup/Delivery Date	Status	Action
1	RQ16050011		Federal Vaccine Store	1st Quarter of 2016	Routine	31/05/2016	Draft	|
2	RQ16050014	Test	Federal Vaccine Store	1st Quarter of 2016	Routine	31/05/2016	Draft	|
3	RQ16050015	Test	Federal Vaccine Store	1st Quarter of 2016	Routine	31/05/2016	Draft	|

Specify the following filters:

- **Store:** Specify the requisition store.

- **From Date, To Date:** Click on date to expand the date picker tool.



Select the Date using date Picker tool

- **Status:** select the status of the requisition. Three possible values are:
 - ⇒Draft
 - ⇒Submitted
 - ⇒Approved
 - ⇒Un Approved

Click **Search** to view the results.

Requisition Approval

Applies to National level users.

The EPI user (National level) can approve stock requisition received from Provincial level user. To approve requisition:

1. Sign in to the user account.
The User Home Page displays.
2. Under **Inventory Management**, click **Requisition Approval**.
3. The Stock Requisition Search screen displays.

Requisition Search

Filters

Store: From Date: To Date: Status:

Requisitions List

S.No	Date	Req.No	Ref. No.	From Store	Period	Purpose	Pickup/Delivery Date	Status	Action
1	03/06/2016	RQ16060001		Punjab EPI Store	1st Quarter of 2016	Routine	01/12/2016	Pending	

- Specify filters according to the procedure described above in **Requisition Search**.
- In the results click on the desired requisition number having a status of pending.
- Following Screen appears:

Requisition Details - Req #RQ16060001 - Received From Punjab EPI Store

S.No	Product	From Store	Demand Qty	Approved Qty
1	BCG-20	Punjab EPI Store	1,000	<input type="text" value="0"/>


Suggested Date: New Suggested Date: Attachments: No attachments found.

- Click on **Approve** to approve the requisition.
- Click **UnApprove** to un approve the requisition.

Stock Receive (Supplier)

The EPI user (National and Provincial) can receive stock from suppliers and then distribute the stock to the Provincial, District and Tehsil stores on demand. To receive stock from supplier:

- Sign in to the user account.
The User Home Page displays.
- Under **Inventory Management**, click **Stock Receive (Supplier)**.
The Stock Receive from Supplier screen displays.

 Inventory Management <
Receive Search
Stock Receive (Supplier)
Stock Receive Warehouse
Batch Management
Stock Issue Search
Stock Issue
Search Adjustment
Add Adjustment

11. The Stock Receive from Supplier screen displays.

Stock Receive

From Supplier

Receipt No.	Ref No. * R1234	Received From (Funding Source)* GAVI	Received Date 31/08/2014
Product * IPV	Manufacturer * SANOFI PASTEUR SA France	Purpose * Routine	
Batch No. * B9876	Production Date 11/06/2014	Expiry Date * 08/01/2020	Unit Price (US\$)
Quantity * 50,000	VWM Type VWM 7	VWM Stage NA	Cold Chain LOCAL

Vials
500000 Doses

Comments (Max 300 Char)

Save Entry

12. Specify the following information:

- **Receipt No:** is an automatically generated number for identifying the receive transaction.

- **Ref No.:** specify the reference number.
- **Received Date:** Click on Receive date to expand the date picker tool.

Receive Date

16/10/2013

October 2013

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Select the Date using date Picker tool

- **Received From (Funding Source):** Select the supplier for the product.
- **Product:** select the product from the list.
- **Manufacturer:** select the manufacturer from the list.
- **Purpose:** specify the purpose of stock receive. If the selected purpose is campaign, specify the campaign for which stock is required.
- **Batch No:** specify the batch number for the product.
- **Production Date:** Click on Production date to expand the date picker tool, or type-in the required date using format dd/mm/yyyy.
- **Expiry Date:** Click on Expiry date to expand the date picker tool, or type-in the required date using format dd/mm/yyyy.
- **Unit Price:** specify the price in US\$.
- **Quantity:** specify the quantity of the product.
- **VVM Type:** specify the VVM (Vaccine Vial Monitor) Type.

- **VVM Stage:** specify the VVM stage.



A vaccine vial monitor (VVM) is a label containing a heat-sensitive material which is placed on a vaccine vial to register cumulative heat exposure over time. The combined effects of time and temperature cause the inner square of the VVM to darken, gradually and irreversibly. A direct relationship exists between the rate of color change and temperature:

The lower the temperature, the slower the color change, the higher the temperature, the faster the color change.

- **Cold Chain:** select the cold-chain.

13. Click **Save Entry** for details.

The entry moves to the Issue List. You can add new entries, as required. All of the entries will be displayed in the Issue List.

Receive List							
Date	Product	Unit	From Warehouse	Received	Batch	Expiry Date	Action
31/08/2014	IPV	Vials	GAVI	50,000	B9876	08/01/2020	Delete
Checksum (All Products)							
Vaccines [Vials/Pcs: 50,000 Doses: 500,000]							
Save & Print							

14. Click **Save & Print**.

The Receive order is saved and printed.

Stock Receive From Store




Applies to all user levels.

User can receive stock from other stores of upper/lower geographical levels e.g. Provincial / Tehsil level stores / facilities. If required, the user can return stock to the upper geographical level.

To receive stock from Store:

1. Sign in to the user account.
The User Home Page displays.
2. Under **Inventory Management**, click **Stock Receive from Store**.

The Stock Receive from Store screen displays.

 Inventory Management <
Stock Receive from Store
Stock Receive - Search
Batch Management
Stock Issue/Dispatch
Stock Issue - Search
Add Adjustment
Adjustment - Search
Purpose Transfer
VVM Management
 Stock Placement <
 Manage Gatepass <

3. Add **Issue Number** to search for the required entry in database.

Stock Receive (Store)

Important! Please press Ctrl+R keys simultaneously at least one time before using this page.

Fill out this form

Issue No.

The required issued entry displays.

- Review the issued product's details. The table includes:

Stock Receive (Store)

Important! Please press Ctrl+R keys simultaneously at least one time before using this page.

Fill out this form

Issue No.

If online voucher is different from printed voucher, please request to issuing authority for latest voucher printout.

S.No	Product	Batch No.	Quantity		VVM Stage	Stored in	Reason	Adjusted Quantity		
			Doses	Vials				Doses	Vials	
1	TT-20	019B4006A	0	0	1		Select			
2	Measles-10 (Campaign)	004F4097	0	0	1		Select			

Remarks

Receive Reference

Received Date

- S. No:** displays serial number
- Product:** displays the product name.
- Batch No:** displays the batch number for the product.
- Quantity:** displays the issued quantity in either doses or vials/pcs.
- VVM Stage:** displays the VVM stage.






A vaccine vial monitor (VVM) is a label containing a heat-sensitive material which is placed on a vaccine vial to register cumulative heat exposure over time. The combined effects of time and temperature cause the inner square of the VVM to darken, gradually and irreversibly. A direct relationship exists between the rate of color change and temperature:

The lower the temperature, the slower the color change, the higher the temperature, the faster the color change.

- Stored in:** displays the code store location for vaccines and dry store bin/location for dry store products.
- Adjusted Quantity:** if the received quantity is different than the issued quantity, you can enter the adjusted quantity in this text box either in doses or vials and select adjustment reason/type.
- Remarks:** enables users to write remarks while receiving stock from store if any.

- **Receive Reference:** specify the receive reference.
- **Receive Date:** Click on Receive date to expand the date picker tool and specify the received date.

4. Check the blank   boxes and click  in the end of the row.

The entry is received and added to the inventory.

Stock Receive Search

Applies to all user levels.

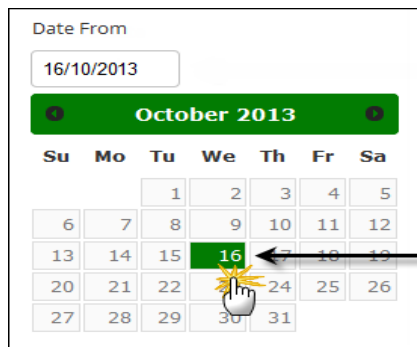
To search for a receive entry:

3. Sign in to the user account.
The User Homepage displays.
4. Under **Inventory Management**, click **Stock Receive Search**.
The Stock Receive Search page displays.

Date	Receive No.	Received From	Ref. No.	Product	Batch No.	Vials/Pcs	Doses	Doses Per Vial	Unit	Expiry Date	Action
30/01/2016	R16010006	Punjab EPI Store		tOPV	M5016-1	2,800	56,000	20	Vials	31/12/2016	
30/01/2016	R16010006	Punjab EPI Store		DIL-BCG-20	070514028E	890	17,800	20	Vials	31/05/2018	
30/01/2016	R16010006	Punjab EPI Store		BCG-20	102-2	890	17,800	20	Vials	30/04/2018	
30/01/2016	R16010006	Punjab EPI Store		TT-20	11101A14	300	6,000	20	Vials	30/04/2017	X
30/01/2016	R16010006	Punjab EPI Store		Pentavalent-1	1453361	36,000	36,000	1	Vials	28/01/2018	

Specify the following filters:

- **Date From, Date To:** Click on date to expand the date picker tool.



Select the Date using date Picker tool

- **Store/Supplier:** select the store/supplier. This is optional field.
- **Product:** select the required product from the list.

- **Purpose:** from drop down menu, select the purpose for which product is received.
- **Search By:** Specify the unique identifier you want to search by.

The options include:

Receive No: if you know the receive number, select this option and specify the Issue No in the adjacent text box.

Stock Receive - Search

Filters

Date From: 30/01/2016 Date To: 23/02/2016 Store/Supplier: Select Product: Select

Purpose: Select Search by: Select

Search Reset

Stock Receive Search

5 records Export to Excel Copy Data Search:

Date	Receive No.	Received From	Ref. No.	Product	Batch No.	Quantity Vials/Pcs	Doses	Doses Per Vial	Unit	Expiry Date	Action
30/01/2016	R16010006	Punjab EPI Store		cOPV	M5016-1	2,800	56,000	20	Vials	31/12/2016	
30/01/2016	R16010006	Punjab EPI Store		DIL-BCG-20	070514028E	890	17,800	20	Vials	31/05/2018	
30/01/2016	R16010006	Punjab EPI Store		BCG-20	102-2	890	17,800	20	Vials	30/04/2018	
30/01/2016	R16010006	Punjab EPI Store		TT-20	11101A14	300	6,000	20	Vials	30/04/2017	*
30/01/2016	R16010006	Punjab EPI Store		Pentavalent-1	1453361	36,000	36,000	1	Vials	28/01/2018	

Showing 1 to 5 of 7 entries

Summary: Product Wise Location wise Print

Detail: None Location wise Product wise Print

- **Receive Ref.:** To search using the Receive Ref, select this option and then specify the Issue Ref in the adjacent text box.
- **Batch No:** To search using the Batch No., select this option and then specify the Batch No in the adjacent text box.

Click **Search**. The required entries are displayed in the Receive List, as shown below.

Batch Management

Applies to all user levels.

Once the vaccines stock is received in store, each package is identified by its Batch Number and Expiry Date. Each batch is sorted by its expiry date by the rule of “First Expiry First Out”. When batches are added to vLMIS, user usually assigns ‘Running’ status to the batches with latest expiry date so that they can be issued first.

To Manage Batches:

1. Sign in to the user account.
The User Home Page displays.
2. Under **Inventory Management**, click **Batch Management**.
The Batch Management page displays. You can print the list of available stock by clicking **Summary** buttons.
3. Batch Management Filters
 - **By Product:** select the required product from the list.
 - **Search By:** This filter include following options.
 - **Batch Number:** Specify batch number if you need to search specific batch.
 - **Expired on or before:** Specify expiry date by clicking in the box to search stock batches being expired up to specified date.

The screenshot shows the 'Search Filters (In current stock)' interface. It features a green header bar. Below the header, there are three main sections: 'By Product' with a dropdown menu showing 'bOPV', 'Search By' with a dropdown menu showing 'Select', and a 'Search Input' text box. Below these sections, there are several radio buttons for filtering: 'All Priorities' (selected), 'Priority 1', 'Priority 2', 'Priority 3', 'Finished', 'Expired stock (Date)', and 'Expired stock (VVM)'. At the bottom of the interface, there are two sections: 'Vaccine:' with 'Summary' and 'Priority Distribution' buttons, and 'Non Vaccine:' with 'Summary', 'Priority Distribution', 'Manufacturers', and 'Search' buttons.

- **Expired on or after:** Specify expiry date by clicking in the box to search stock batches being expired on or after specified date.
- **All Priorities:** Select if need to search all priorities batches (i.e. Priority 1, Priority 2 and Priority 3)
- **Priority 1:** Select if need to search Priority 1 batches.
 - **Vaccines:** If VVM stage is 2 or expiry is less than 3 months.
 - **Dry Store:** If expiry is less than 3 months.

- **Priority 2:** Select if need to search Priority 2 batches.
 - **Vaccines:** If VVM stage is 1 and expiry is more than 3 months and less than 12 months.
 - **Dry Store:** If expiry is more than 3 months and less than 12 months.

Batch status	Description
Priority 1	If VVM stage is 2 or expiry is less than 3 months.
Priority 2	If VVM stage is 1 and expiry is more than 3 months and less than 12 months.
Priority 3	If VVM stage is 1 and expiry is more than 12 months.

Note: Non vaccine priority list quantities and placed quantities may be different due to incomplete placements of the dry store products in vLMIS.

- **Priority 3:** Select if need to search Priority 3 batches.
 - **Vaccines:** If VVM stage is 1 and expiry is more the 12 months.
 - **Dry Store:** If expiry is more the 12 months.
- **Finished:** Select if need to search finished batches (quantity is zero) of the selected product.
- **Expired by date:** Select if need to search expired stock.
- **Expired by VVM:** Select if need to search expired stock due to VVM stage, this option is only enabled for vaccines.

Remember that in order to issue batches, you must try to issue batches according to the priorities.



Batch Management Search Result's: User can click **Search** button to view Batch management searched results.

Product Summary: BCG-20									
Priority	No. of Batches	Quantity (Vials)	No. of Doses/Pcs	Total					
Priority 2	1	190	20	3,800					
Priority 3	3	2,942	20	58,840					
Total	4	3,132		62,640					

Batch List									
S.No.	Product	Batch No.	Manufacturer	VVM Stage	Expiry Date	Quantity (Vials)	Doses	Status	Action
1	BCG-20	037G4228	Serum, India	1	31/12/2016	190	3,800	Priority 2	
2	BCG-20	102-2	INTERVAX	1	30/04/2018	1,142	22,840	Priority 3	
3	BCG-20	103-1	INTERVAX	1	30/04/2018	300	6,000	Priority 3	
4	BCG-20	51	INTERVAX	1	30/09/2017	1,500	30,000	Priority 3	
Page Total:						3,132	62,640		

Showing 1 to 4 of 4 entries < 1 > Print

User can view stock summary and priority distribution for the vaccines and non – vaccines items



EXPANDED PROGRAM ON IMMUNIZATION		Government of Pakistan		
				
Store: District Rawalpindi Store				
Product wise usable stock summary				
S. No.	Product	Quantity		
		Vials/Pcs	Doses Per Vial	Total Doses
1	bOPV	90,055	20	1,801,100
2	bOPV (IHR)	200	20	4,000
3	bOPV (PTP)	6,450	20	129,000
4	IPV	1,030	10	10,300
5	tOPV	9,520	20	190,400
6	tOPV (Campaign)	17,500	20	350,000
7	tOPV (PTP)	1,400	20	28,000
8	BCG-20	3,132	20	62,640
9	Pentavalent-1	196,800	1	196,800
10	Pneumococcal-2 (PCV10)	110,490	2	220,980
11	Measles-10	9,825	10	98,250
12	Measles-10 (Campaign)	60	10	600
13	TT-20	8,037	20	160,740
14	TT-20 (Campaign)	0	20	0

Printed By: userrawalpindi
Print Date: 18/05/2016

Print

For Vaccines:


Summary: User can view stock summary for vaccines by clicking “Summary” button

EXPANDED PROGRAM ON IMMUNIZATION		Government of Pakistan				
						
Store: District Rawalpindi Store						
Priority Vaccines Distribution (Detail)						
Batch status	Description					
Unusable	If VVM stage is 3 or 4 or batch is expired.					
Priority 1	If VVM stage is 2 or expiry is less than 3 Months.					
Priority 2	If VVM stage is 1 and expiry is more than 3 months and less than 12 months.					
Priority 3	If VVM stage is 1 and expiry is more than 12 months.					
Product	Batch Number	Expiry Date	VVM	Cold room	Quantity (Vials)	Quantity (Doses)
Unusable						
bOPV	AOP4A398AA	Apr, 2016	Usable		2,300	46,000
Total:					2,300	46,000
Priority 2						
bOPV	L5429-1	Aug, 2016	Usable	CR-01	32,555	651,100
bOPV	M5044-1	Dec, 2016	Usable	CR-01	26,620	532,400
bOPV	AOP4A425AA	Dec, 2016	Usable	CR-01	15,450	309,000
Total:					74,625	1,492,500
Priority 3						
bOPV	2042815	May, 2017	Usable	CR-01	15,430	308,600
Total:					15,430	308,600


Priority Distribution: User can view vaccines priority distribution list clicking “Priority Distribution” button.

For Non Vaccines:

Summary: User can view non vaccine stock summary by clicking “Summary” button.



EXPANDED PROGRAM ON IMMUNIZATION
Government of Pakistan
Store: District Rawalpindi Store



Product wise usable non vaccine stock summary


S. No.	Product	Quantity		
		Vials/Pcs	Doses Per Vial	Total Doses
1	DIL-BCG-20	7,392	20	147,840
2	DIL-Measles-10	16,130	10	161,300
3	DIL-Measles-10 (Campaign)	119,830	10	1,198,300
4	AD Syringe 0.5ml	221,230	1	221,230
5	Recon. Syr 5ml	12,692	1	12,692
6	Recon. Syr 2ml	3,542	1	3,542
7	Safety Box	14,078	1	14,078
8	Dropper	91,115	1	91,115

Note: This report does not include expired stock


Printed By: userrawalpindi
Print Date: 18/05/2016

Print

Priority Distribution: User can view non vaccine stock distribution list by clicking “Priority Distribution” button.



EXPANDED PROGRAM ON IMMUNIZATION
Government of Pakistan
Store: District Rawalpindi Store



Note: Priority list quantities and placed quantities may be different due to incomplete placements of the dry store products in vLMIS.

Priority Non-Vaccines Distribution (Detail)

Batch status	Description
Unusable	If batch is expired.
Priority 1	If expiry is less than 3 Months.
Priority 2	If expiry is more than 3 months and less than 12 months.
Priority 3	If expiry is more than 12 months.

Product	Batch Number	Expiry Date	Quantity (Vials/Pcs)	Quantity (Doses/Pcs)
Unusable				
DIL-BCG-20	036D2058ABC	Jan, 2015	165	3,300
DIL-BCG-20	036D2057XYZ	Jan, 2015	75	1,500
DIL-BCG-20	036D2058XYZ	Jan, 2015	20	400
DIL-BCG-20	036D2055xyz	Jan, 2015	90	1,800
Total:			350	7,000
Priority 2				
DIL-BCG-20	070S12042E	Oct, 2016	1,070	21,400
Total:			1,070	21,400

Export to Excel: User can export batch management search results by clicking “Export to Excel” button.

Copy Data: User can copy batch management search results data and paste in any other word or excel document by clicking “Copy Data” button.

Batch wise Stock Summary: User can view and print stock summary for vaccines and non-vaccine items by clicking “Print” button.

S.No.	Product	Batch No.	Expiry Date	Quantity			Status
				Vials/Pcs	Doses Per Vial	Total Doses	
1	BCG-20	037G4228	31/12/2016	190 Vials	20	3,800	Priority 2
2	BCG-20	102-2	30/04/2018	1,142 Vials	20	22,840	Priority 3
3	BCG-20	103-1	30/04/2018	300 Vials	20	6,000	Priority 3
4	BCG-20	51	30/09/2017	1,500 Vials	20	30,000	Priority 3

Printed By: userrawalpindi
Print Date: 18/05/2016

[Print](#)

Stock Issue/Dispatch

Users can issue stock to other stores. Stock can be issued directly to the stores / facilities on Tehsil level.

To issue stock:

1. Sign in to the user account.
The User Home Page displays.
2. Under **Inventory Management**, click **Stock Issue/Dispatch**.
The New Issue page displays.

Stock Issue/Dispatch

Please email support@lmis.gov.pk OR contact 051-2655425/2655426 in case of any problem/question.

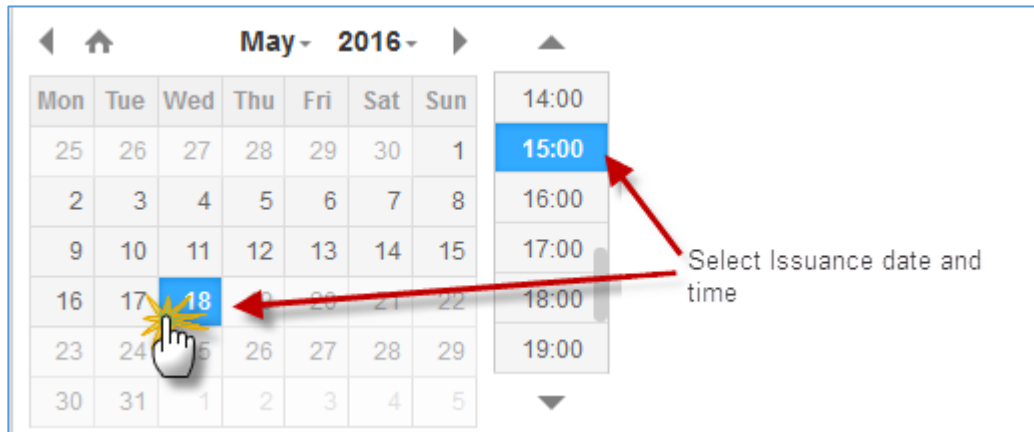
Fill out this form

Issue No.	Date	Issue Reference	Purpose *
<input type="text"/>	23/02/2016 12:56 PM	REF-00001	Routine
Office *	Store *		
Tehsil-Taluka	DDOH Office Jalalpur Pirwala		
Product *	Batch | Quantity | Priority*	Location | VVM Stage | Quantity	Quantity *
IPV	M1029-2 | 100 | P3	CR02 | Usable | 100	50
			Vials 500 Doses
Total available batch quantity	Expiry Date	Dispatch By	
100	31/01/2018	<input type="text"/>	

Add Issue

3. In order to issue a vaccine batch, specify the following information:
 - **Issue No:** It is an automatically generated number for identifying the Issue transaction. It starts from 'I' (i.e. Issuance) with leading 8 digits serial number (e.g. I16020001). In the number I 16 02 0001, I is (Issuance) 16 (last two digit of year) 02 (two digits for month) 0001(No of voucher for the selected month, and this number starts from 0001 for every month).

- **Date:** Click on Issue date to expand the date picker tool and select issuance date.



- **Issue Reference:** Specify issue reference.
- **Purpose:** Specify stock issuance purpose i.e. (Routine, Campaign, IHR and PTP etc.). In case of a campaign, the name of the campaign should also be specified.
- **Office (Issue To)**
In this drop-down, select the office to which you want to issue the product. On selecting the **Office**, the **Province** drop-down is displayed. On selecting the **Province**, the **District** drop-down is displayed. On selecting the District, the **Issue To** drop-down displays the relevant store names in the selected province and selected district. Select the required store.
- **Product:** Select the product from the list.

Stock Issue/Dispatch

Please email support@lmis.gov.pk OR contact 051-2655425/2655426 in case of any problem/question.

Fill out this form

Issue No.	Date	Issue Reference	Purpose *
<input type="text"/>	23/02/2016 12:56 PM	REF-00001	Routine
Office *	Store *		
Tehsil-Taluka	DDOH Office Jalalpur Pirwala		
Product *	Batch | Quantity | Priority*	Location | VVM Stage | Quantity	Quantity *
IPV	M1029-2 | 100 | P3	CR02 | Usable | 100	50 Vials 500 Doses
Total available batch quantity	Expiry Date	Dispatch By	
100	31/01/2018	<input type="text"/>	

Add Issue

- **Batch | Quantity | Priority:** Select batch which is displayed along with batch number, batch quantity and batch priority.
- **Location | VVM Stage | Quantity:** Select batch placement location which is displayed along with location (cold room/IRL) or Bin (Dry store), VVM stage and Quantity.



A vaccine vial monitor (VVM) is a label containing a heat-sensitive material which is placed on a vaccine vial to register cumulative heat exposure over time. The combined effects of time and temperature cause the inner square of the VVM to darken, gradually and irreversibly. A direct relationship exists between the rate of color change and temperature:

The lower the temperature, the slower the color change, the higher the temperature, the faster the color change.

- **Quantity:** specify the Issued quantity in vials/pcs.
- **Total available batch quantity:** Displays batch total available quantity which may be placed at one place or placed in multiple locations.
- **Expiry Date:** Displays selected batch expiry date.
- **Dispatch By:** Specify the name of the person who has issued the quantity, this is optional field.

4. Click **Add Issue** to add the issue entry to the Issue list, as shown below.

Stock Issue/Dispatch List
▼

Date	Product	Unit	To Store	Issued	Batch	Expiry Date	Action
23/02/2016	IPV	Vials	DDOH Office Jalalpur Pirwala	20	L7059-1	31/01/2017	✕

Comments (Max 300 Char)

Issuing for QTR-1 2016.

Issue Period

1st Quarter - 2016
▼

Print
Save

5. Specify **comments** if any.
6. Specify **Issued period**.
7. Click **Save**.
The Issue entry is saved.

8. Click **Print** to print the Issue Voucher.

Stock Issue/Dispatch Voucher								
Dispatch Voucher # 116020001								
Date of Dispatch: 23/02/2016								
Purpose: Routine			Ref. Number: REF-00001			Recipient: DDOH Office Jalalpur Pirwala		Transport Mode: Asad Khan
S.No.	Item	Batch Number	Manufacturer	Expiry Date	Quantity			VVM Stage
					Vials/Pcs	Doses Per Vial	Total Doses	
1	IPV	L7059-1	SANOFI France	31/01/17	20	10	200	1

Summary

S.No.	Item	Quantity	
		Vials/Pcs	Doses/Pcs
1	IPV	20	200

Issuance for the period of: From 01/01/2016 To 01/03/2016
 Notes: Issuing for QTR -1 2016.

Issued by:	.....	Received by:	.....
Name:	.....	Name:	.....
Designation:	.....	Designation:	.....
Date:	.....	Date:	.....

.....
IN-CHARGE STORE
 Prepared By:

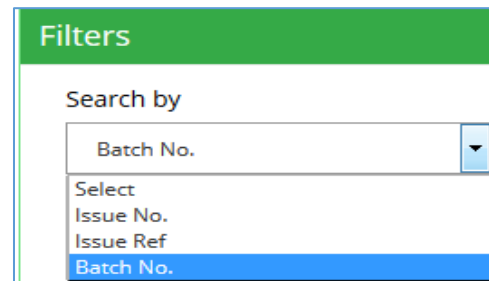
Stock Issue Search

Applies to all user levels.

To search for an issue entry:

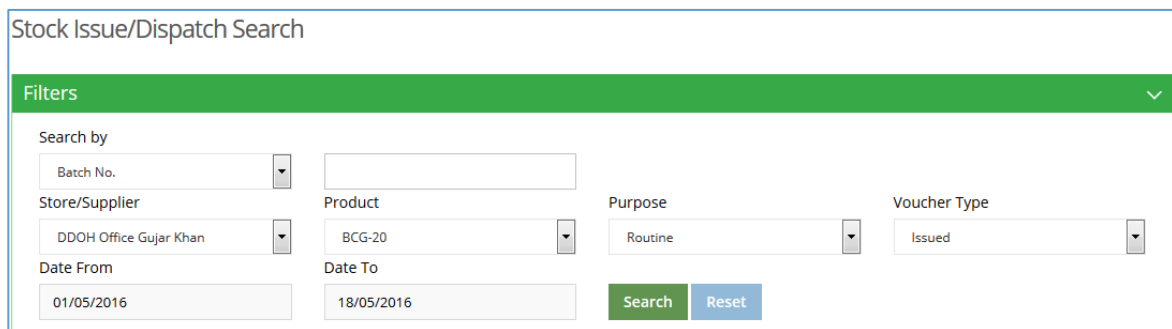
1. Sign in to the User account.
The User Home Page displays.
2. Under **Inventory Management**, click **Stock Issue-Search**.
The Stock Issue Search page displays.
3. Specify the following filters:

- **Search By:** Specify the unique identifier you want to search by. The options include:
 - **Issue No:** if you know the issue number, select this option and specify the Issue No in the adjacent text box.
 - **Issue Ref.:** To search using the Issue Ref, select this option and then specify the Issue Ref in the adjacent text box.
 - **Batch No.:** To search using the Batch No., select this option and then specify the Batch No in the adjacent text box.



The screenshot shows a dropdown menu titled "Filters" with a green header. Below the header, there is a "Search by" label and a dropdown menu currently showing "Batch No.". The dropdown menu is open, displaying the following options: "Select", "Issue No.", "Issue Ref", and "Batch No.". The "Batch No." option is highlighted in blue.

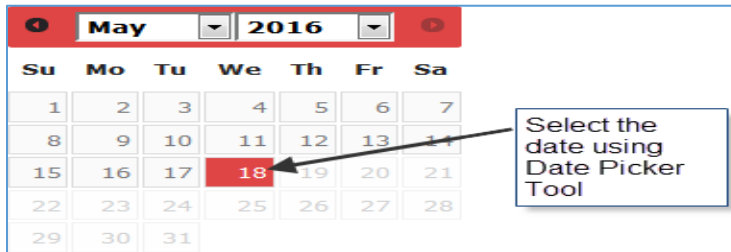
- **Store/Supplier:** select the store/supplier. This is optional field.
- **Product:** select the required product from the list.



The screenshot shows the "Stock Issue/Dispatch Search" form. It has a green header with the word "Filters" and a dropdown arrow. Below the header, there are several input fields and dropdown menus. The "Search by" dropdown is set to "Batch No." and is followed by a text input field. Below this, there are four columns of input fields: "Store/Supplier" (dropdown set to "DDOH Office Gujar Khan"), "Product" (dropdown set to "BCG-20"), "Purpose" (dropdown set to "Routine"), and "Voucher Type" (dropdown set to "Issued"). At the bottom, there are "Date From" and "Date To" text input fields (set to "01/05/2016" and "18/05/2016" respectively), and two buttons: "Search" (green) and "Reset" (blue).

- **Purpose:** select the required purpose from the list for which product is being issued.

- **Date From, Date To:** Click on date to expand the date picker tool.



- Click **Search**.
The required entries are displayed in the Issue List.

Stock Issue/Dispatch Search

5 records Export to Excel Copy Data Search:

S.No	Date	Issue No.	Issued To	Ref. No.	Product	Batch No.	Quantity	Unit	Expiry Date	Created On	
1	02/05/2016	I16050001	PMO Taxila	HAROON	BCG-20	037G4228	1,000	Vials	31/12/2016	02/05/2016	✕
2	02/05/2016	I16050002	DDOH Office Rawalpindi cantt	test ref	BCG-20	037G4228	20	Vials	31/12/2016	02/05/2016	✕
3	02/05/2016	I16050003	DDOH Office Rawalpindi cantt	khalil	BCG-20	037G4228	90	Vials	31/12/2016	02/05/2016	✕
4	02/05/2016	I16050003	DDOH Office Rawalpindi cantt	khalil	IPV	L7059-1	1,000	Vials	31/01/2017	02/05/2016	✕
5	03/05/2016	I16050004	DDOH Office Rawalpindi cantt		BCG-20	037G4228	500	Vials	31/12/2016	03/05/2016	✕
6	03/05/2016	I16050004	DDOH Office Rawalpindi cantt		Safety Box	S0782208	1,200	Pcs	31/01/2020	03/05/2016	✕

Showing 1 to 6 of 6 entries

Summary: Product Wise Location wise Print

Detail: None Location wise Product wise Print

4. Click **Print** to print the displayed list.

Add Adjustment

Applies to all user levels.

To add new Adjustments:

1. Sign in to the user account.
The User Home Page displays.
2. Under **Inventory Management**, click **Add Adjustment**.
The Add Adjustment page displays.
3. Specify the following filters:
 - **Adjustment Date:** Click on date to expand the date picker tool.
 - **Adjustment Type:** Select adjustment type from the list (damaged, expired, cold chain break, physically found etc.).
 - **Ref. No.:** Enter the Ref. No. of the adjustment.
 - **Product:** Select the required product from the list.
 - **Batch No. | Quantity:** Select the batch number for the selected product, which displays along with its existing quantity.
 - **Location | VVM Stage | Quantity:** Select add adjustment placement location which is displayed along with location (cold room/IRL) or Bin (Dry store), VVM stage and Quantity.
 - **Quantity:** specify the quantity to be adjusted.

Add Adjustment

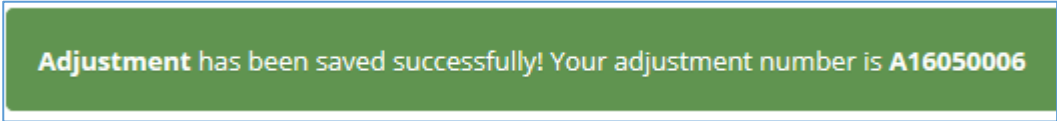
Fill out this form

Adjustment Date *	Adjustment Type *	Ref. No.
18/05/2016	Damaged	
Product *	Batch No. | Quantity *	Location | VVM | Quantity *
BCG-20	036D2053 | 1,000	CR-01 | 1 | 500
Quantity *	Available	
400	1,000	
	Vials	
Comment		
damaged by water		

Add Adjustment

- **Available:** It is read only field and appears on batch selection and shows the available quantity of the selected batch.
- **Comment:** Add comments, if any.

4. Click **Save** to save adjustment.



Search Adjustment

Applies to all user levels.

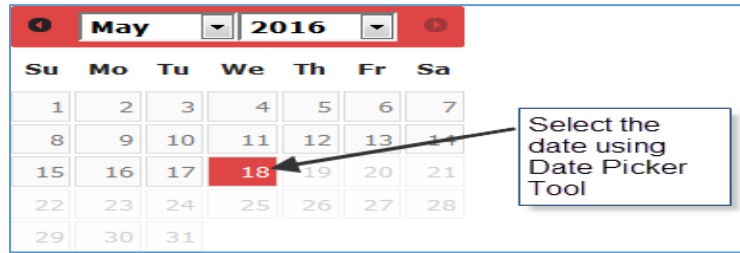
Every now and then user have to update the number of items in stock manually. This could be due to lost or damaged items, or received less inventory than expected. Hence users can add stock adjustments for managing the inventory.

To search for Adjustments:

1. Sign in to the user account.
The User Home Page displays.
2. Under **Inventory Management**, click **Adjustment-Search**.
The Search Adjustments page displays.
3. Specify the search criteria:

- **Adjustment No.:** If you know automatically generated unique identifier for the adjustment then specify it.
- **Adjustment Type:** specify the adjustment type.
- **Product:** select the required vaccine from the list.
- **Batch No:** Select the batch number for the selected product, which displays along with its existing quantity.

- **Expiry Date:** Select the batch expiry date.
- **Date From, Date To:** Click on date to expand the date picker tool.



4. Click **Search**.


The Search result displays.

Click **Print** button to print searched results.

S.No	Date	Adjustment No.	Ref. No.	Product	Batch No.	Quantity	Adjustment Type	Comments	Action
1	02/05/2016	A16050001	Opening Balance	BCG-20	036D2053	1,000	Opening Balance		x
2	02/05/2016	A16050002	opening balabce	BCG-20	036D2051	90	Opening Balance	opening balance	
9	18/05/2016	A16050006		BCG-20	036D2051	90	Damaged	Fire damaged the vaccine.	


Showing 1 to 3 of 3 entries (filtered from 9 total entries)

[Print](#)



EXPANDED PROGRAM ON IMMUNIZATION

Government of Pakistan
Store: District Rawalpindi Store



Stock Adjustment

Sr.No	Date	Adjustment No.	Ref. No.	Product	Batch No.	Quantity			Adjustment Type	Comments
						Vials/Pcs	Doses Per Vial	Total Doses		
1	02/05/2016	A16050001	Opening Balance	BCG-20	036D2053	1,000	20	20,000	Opening Balance	
2	02/05/2016	A16050002	opening balabce	BCG-20	036D2051	90	20	1,800	Opening Balance	opening balance
3	18/05/2016	A16050006		BCG-20	036D2051	90	20	1,800	Damaged	Fire damaged the vaccine.

Adjustments by - Name: _____

Designation: _____

Signature: _____

[Print](#)

Purpose Transfer

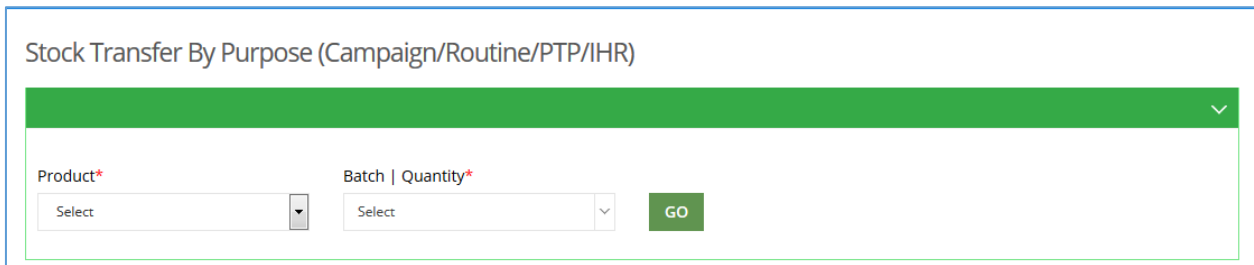
Applies to all user levels.

To transfer stock from one purpose to another purpose before issuance:

1. Sign in to the user account.
The User Home Page displays.

Under **Inventory Management**, click **Purpose Transfer**.

The Purpose Transfer page displays.



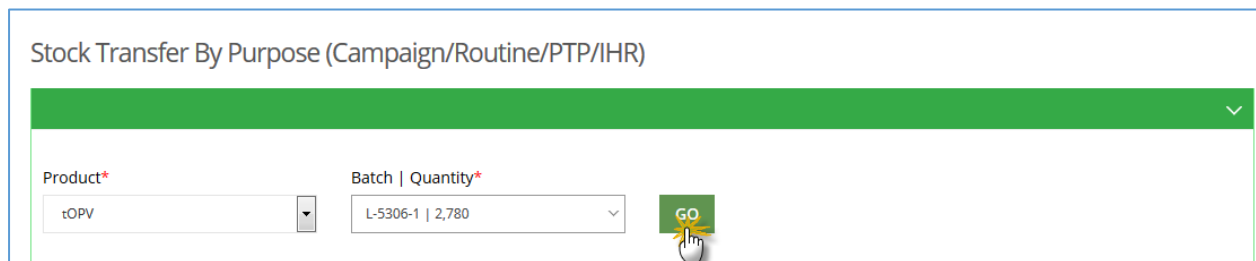
Stock Transfer By Purpose (Campaign/Routine/PTP/IHR)

Product* Batch | Quantity*

Select Select GO

Specify the following filters:

Product: Select the required product from the list, this list will show all those products



Stock Transfer By Purpose (Campaign/Routine/PTP/IHR)

Product* Batch | Quantity*

tOPV L-5306-1 | 2,780 GO

which can be used / issued against different purpose. It will not show those products which can be used only for one purpose for example BCG-20.

Batch | Quantity: Select batch of the selected product which displays along quantity.

- Click **GO** button to list selected product and batch placed quantities details.

New Purpose: Specify new purpose.

- **Transfer to Product:** Specify purpose transfer product.

- **New Transfer Qty.:** Specify quantity to be transferred to new purpose.

Click **Update Purpose** to add stock in new selected purpose.

Stock Transfer By Purpose (Campaign/Routine/PTP/IHR)

Product* Batch | Quantity*

S.No	Location	Placed Qty Vials	VVM Stage	Current Purpose	New Purpose	Transfer To Product	New Transfer Qty (Vials)
1		2,780	Usable	Routine	PTP	tOPV (PTP)	200

Comments

Product - Purpose Transfer History

S.No	Date	From Activity	To Activity	From Item	To Item	Quantity +ve	Quantity -ve	Balance
						Pervious Quantity		3,000
1	18/05/2016	Routine	PTP	tOPV	tOPV (PTP)	20	20	2980
2	20/05/2016	Routine	Campaign	tOPV	tOPV (Campaign)	200	200	2780
						Current Quantity	2,780	

VVM Management

Applies to all user levels.

To update vaccines stock VVM stage after conducting physical inspection of the stock.

1. Sign in to the user account.

The User Home Page displays. Under **Inventory Management**, click **VVM Management**.

The VVM Management page displays.

2. Specify the following filters:

- **Product:** Select the required product from the list.
- **Batch | Quantity:** Select batch of the selected product which displays along quantity.

VVM Stage Management

Product* tOPV Batch | Quantity* I15010104 | 2,250 GO

The screenshot shows the 'VVM Stage Management' interface. At the top, there is a green header bar with a dropdown arrow. Below it, there are two dropdown menus: 'Product*' with the value 'tOPV' and 'Batch | Quantity*' with the value 'I15010104 | 2,250'. To the right of these menus is a green 'GO' button. A mouse cursor is pointing at the 'GO' button.

- Click **GO** button to list selected product and batch placed quantities details.
- **New VVM Stage** Specify new VVM stage.
- **New VVM Stage Quantity:** Specify new VVM stage quantity.

3. Click **Update VVM** to update VVM stage

VVM Stage Management

Product BCG-20 Batch | Quantity 037G4250 | 260 GO

S.No	Location	Placed Quantity Vials	Current VVM Stage	New VVM Stage	New VVM Quantity Vials
1	CR02	260	1	2	

Update VVM

The screenshot shows the 'VVM Stage Management' interface after clicking 'GO'. It features a table with the following data: S.No: 1, Location: CR02, Placed Quantity Vials: 260, Current VVM Stage: 1, New VVM Stage: 2, and New VVM Quantity Vials: (empty). Below the table is a green 'Update VVM' button.

VVM Stage Management

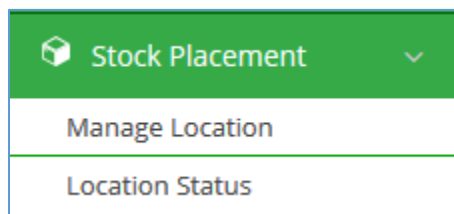
Product* Select Batch | Quantity* Select GO

The screenshot shows the 'VVM Stage Management' interface with both the 'Product*' and 'Batch | Quantity*' dropdown menus set to 'Select'. The 'GO' button is visible to the right.

Stock Placement

Applies to all user levels.

EPI Users at the all level can also manage dry store locations and can view locations status i.e. placed stock in the cold store locations or dry store locations. Inventory Management feature enables the Store User to manage the inventory within store.



Stock Placement feature enables the User to manage the stock within the store. The Store User can perform the following:

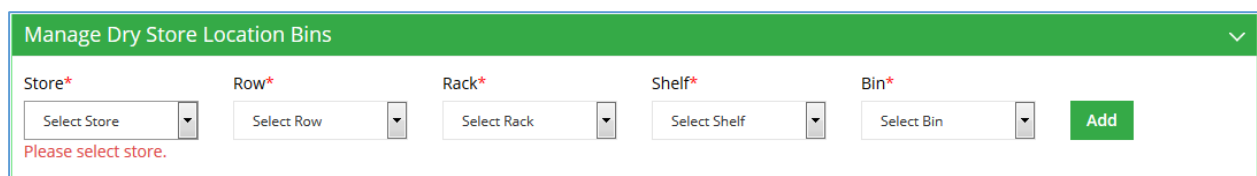
- **Manage Location:** User can manage the location of stock within the store.
- **Location Status:** User can check the stock available at a particular location in the store and transfer it to another location.

Manage Location

Applies to all user levels.

Users can manage placement locations for the stock within the store by adding location Store, Row, Rack, Shelf and Bin.

To manage locations for the stock within the store, select the following filters:

A screenshot of a web form titled 'Manage Dry Store Location Bins' in a green header bar with a downward arrow. Below the header, there are five dropdown menus arranged horizontally. Each dropdown has a label above it: 'Store*', 'Row*', 'Rack*', 'Shelf*', and 'Bin*'. The dropdown options are 'Select Store', 'Select Row', 'Select Rack', 'Select Shelf', and 'Select Bin' respectively. To the right of the dropdowns is a green 'Add' button. Below the 'Store' dropdown, there is a red error message that says 'Please select store.'.

- **Store:** Select the store number from the list.
- **Row:** Select the row number for the location.

- **Rack:** Select the rack number from the list.
- **Shelf:** Select the rack type from the list.
- **Bin:** Select the bin for the location.

Manage Dry Store Location Bins

Store* 3 Row* C Rack* 5 Shelf* B Bin* 4 **Add**

Click **Add** to add dry store location.

Dry Store Locations (Bins) List

5 records **Export to Excel** **Copy Data** Search:

S.No.	Location (Bin) Name	Action
1	1A1A1	✕
2	1A1A2	✕
3	1E9I8	✕

Showing 1 to 3 of 3 entries **Print**

Click **Print** to print dry store locations.

Location Status

EPI Users can select **Location Status** to view different placement locations of cold and dry store and to view placed stock in the selected locations.

For **Dry Store** locations, select;

- **Store:** Select the store number from the list.
- **Row:** Select the row number for the location.

Location Status

Dry Store Locations Cold Store Locations

Store* Select Row* Select **Show Status**

Location Status

Dry Store Locations
 Cold Store Locations

Store*

Row*

[Show Status](#)

1A1A1	1A1A2

View **Placed Stock in Dry Store**: Click any of the above bins shown with labels like **1A1A1** to view placed stock.

Stock in Bin - 1A1A1

[Back to Location](#)

records

[Export to Excel](#)
 [Copy Data](#)

Search:

Product	Batch No.	Carton Quantity	Quantity	Action
AD Syringe 0.5ml	9015/38	169	220,230	Transfer Q
DIL-BCG-20	070514029E	131	1,312	Transfer Q
DIL-BCG-20	036D2058ABC	8	165	Transfer Q
DIL-BCG-20	036D2055xyz	5	90	Transfer Q
DIL-BCG-20	070514028E	168	1,675	Transfer Q
DIL-BCG-20	036D2057XYZ	4	75	Transfer Q
DIL-BCG-20	036D2058XYZ	1	20	Transfer Q
DIL-BCG-20	070512042E	107	1,070	Transfer Q
DIL-BCG-20	344-2	150	1,500	Transfer Q
DIL-BCG-20	358-1	4	35	Transfer Q

Showing 1 to 10 of 29 entries

[<](#)
[1](#)
[2](#)
[3](#)
[>](#)

Cold Store Locations: Click cold store location tab to view cold store locations.

Location Status

Dry Store Locations
 Cold Store Locations

CR02
(Cold Room +2°C to +8°C)

DF01
(Chest Freezer, AC electricity)

DF02
(Chest Freezer, AC electricity)

ILR-01
(Ice lined Refrigerator)

ILR03
(Ice lined Refrigerator)

ILR04
(Ice lined Refrigerator)

Unused Capacity

Used Capacity

Overload

Non Functional

View Placed Stock in Cold Store: Click any of the above cold store locations shown with labels like **CR02** or **ILR05** etc. to view placed stock in cold store.

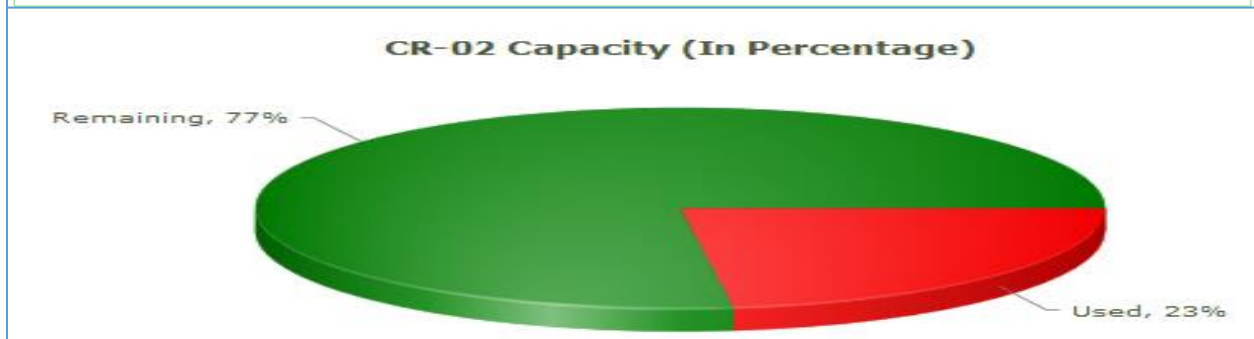
Stock in Bin - CR-02

Back to Location ▼

10 records per page Print

Product	Batch No.	Expiry Date	Quantity (Vials)	Doses	VVM Stage	Action
BCG-20	036D2053	31/01/15	100	2,000	2	Transfer Q
BCG-20	036D2058	31/01/15	950	19,000	1	Transfer Q
BCG-20	036D2051	31/12/14	190	3,800	1	Transfer Q
BCG-20	036D2055	31/01/15	400	8,000	1	Transfer Q
Measles-10	2505313	30/06/15	400	4,000	1	Transfer Q
Measles-10	004F3020	31/03/15	800	8,000	1	Transfer Q
Measles-10	2503413	30/05/15	750	7,500	1	Transfer Q
Measles-10	004F3014	31/03/15	800	8,000	1	Transfer Q
Pentavalent-1	1453270	30/11/16	4,200	4,200	1	Transfer Q
Pentavalent-1	1453165	31/12/15	25,300	25,300	1	Transfer Q

Showing 1 to 10 of 24 entries
 ← Previous First **1** 2 3 Last Next →



Transfer the stock available at a location using **Transfer**. A new window will pop-up.

The screenshot shows a dialog box titled "Transfer Stock from: CR-02". It contains the following fields:

Product	Batch No.	VVM Stage	Available Quantity
BCG-20	036D2053	2	100

Below these fields are two more fields:

Location*	Quantity*
ILR-04	50

A green button labeled "Transfer" is located in the bottom right corner of the dialog box.

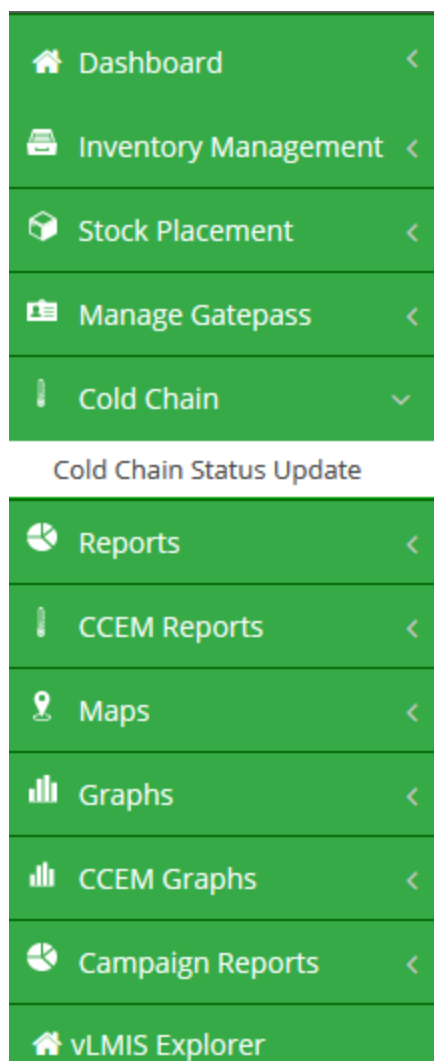
- Select the location to transfer stock.
- Add quantity of boxes. (The quantity of boxes to transfer should be less than or equal to the available number of boxes.)
- Click **Transfer**.

Cold Chain

Applies to all user levels.

A vaccine's cold chain is a temperature-controlled supply chain. It is essential for the effectiveness of the vaccines that an unbroken cold chain with uninterrupted series of storage and distribution activities are maintained for the given temperature range. In vLMIS, the Store managers will now also provide the Cold-chain assets information containing its capacity and working status for each month in order to record the cold-chain maintenance data.

Click **Cold Chain** from the main menu and select **Cold Chain Status Update** from the drop down menu.



Cold Chain Status Update

Applies to all user levels.

EPI account users at the District level are provided with an option to report the cold chain asset's status of the assigned stores, which helps identify the working condition of the cold-chain machine.

To update **Cold Chain Status**:

1. Sign in to the user account.

User Homepage displays.

2. Click **CCEM** and then select **Cold Chain Status Update**.

The Cold Chain Status Update page displays. All the available Cold Chains for District EPI user will be displayed.

Update Working Status						
Facility Name	Asset ID	Assets	Working Status	Reasons	Utilizations	Temperature Alarms
BHU Khairpur Juso	10000217	Ice lined Refrigerator	Working well	Unknown	In use	
BHU Ghatahar	10001168	Ice lined Refrigerator	Working well	Select Reason	In use	
Town Centre II	10001314	Ice lined Refrigerator	Working well	Unknown	In use	
Town Centre II	10001315	Chest Freezer, AC electricity	Working well	Unknown	In use	
GD Chajjira	10001316	Upright Refrigerator, AC Electricity	Working well	Unknown	In use	
BHU Muhammad Ali Gurmani	10001317	Upright Refrigerator, AC Electricity	Working well	Unknown	In use	
BHU Kot Ghulam Shah	10001318	Ice lined Refrigerator	Working well	Unknown	In use	

3. Following fields will be available in the list:

- **Working Status:** select the status of the cold chain asset from the list.

- **Reasons:** select the reasons from the drop down menu.
- **Utilization:** select the utilization of the asset
- **Temperature Alarms:** enter the quantities of temperature alarms
- Click "Update"

Reports

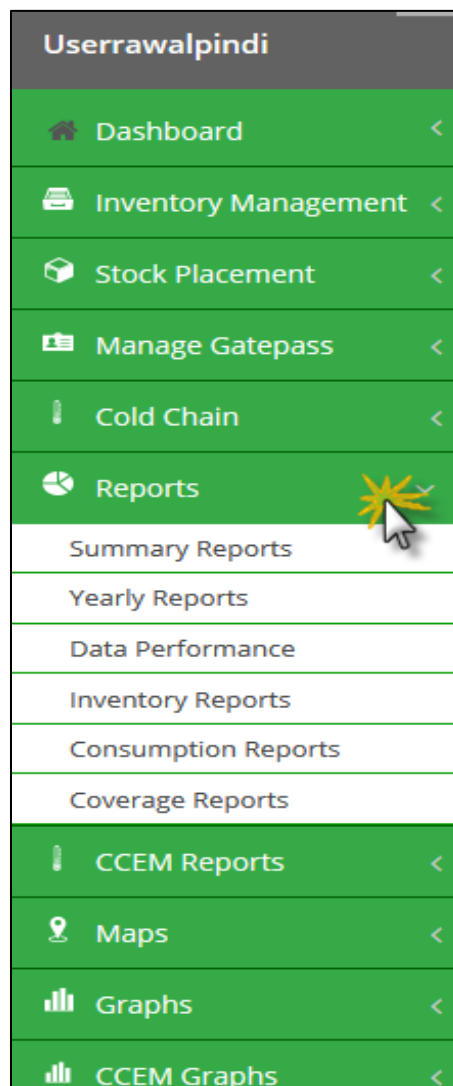
This section explains the step-by-step instructions on the reports' features that can be used by the Vaccine Logistics Management Information system's users.

Overview

The Vaccine Logistics Management Information System enables you to login as an authenticated user to view many reports. These users can view analytical reports and stores data for any period using selection filters. These reports can be very useful for policy level managers for their ease in decision making.

Clicking on **Reports** menu displays the list of Data Reports available in vLMIS including:

1. Summary Reports
2. Yearly Reports
3. Data Performance
4. Inventory Reports
5. Consumption Reports
6. Coverage Reports



A brief description of different types of reports is as follows:

- **Summary Reports:** Summary reports provide the summary of stock status and available stock at Provincial, District, Tehsil and UC level along with stock availability.
- **Yearly Reports:** Provide the annual summary of consumption status and available stock of Provincial and District levels.
- **Data Performance:** This report provides the reporting performance summary of stores at a selected level.
- **Inventory Reports:** Summary reports provide the summary of stock status and available stock at National and Provincial level.
- **Consumption Reports:** Provide the annual summary of consumption status and available stock of Provincial and District levels.
- **Coverage Reports:** This report provides the reporting performance summary of stores at a selected level.

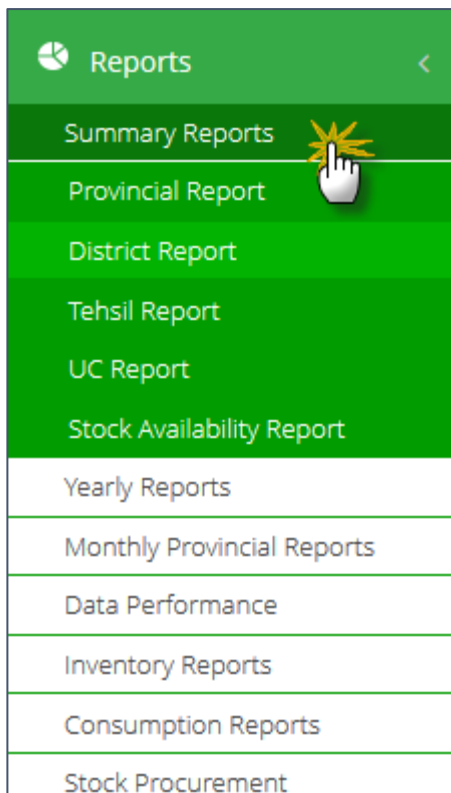
Figure 1: Reports Menu

Summary Reports

These reports show following indicators in a Province, District, Tehsil and Union Councils.

- **Consumption:** displays the consumption data of vaccines for the last reported month. The data for each vaccine is the sum of all reporting levels.
- **Average Monthly Consumption** is calculated as average of aggregated consumption of the last three non-zero consumption months.
- **On Hand:** the amount of product on hand in order to monitor stock positions and anticipate stock outs in advance.
- **MOS:** Month of Stocks is the estimate of number of months the stock will last. This calculation is based on average monthly consumption.

Click the **Summary Reports** tab to expand the Summary reports as shown in the image below:



You can expand and collapse the Summary Reports tab, as required.

Provincial Report

The **Provincial Report** displays each province/region’s summary about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the Provincial Level.

Click **Provincial Report** in the menu to open the Provincial Report:

Province/Region Report February 2016

This report provides information about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the Provincial Level. Consumption is the aggregated quantity used at all reported stores / facilities of the selected province. Average Monthly Consumption is calculated as average of aggregated consumption of the specified month and a sum of consumption from previous two months. Stock on hand is the aggregated quantity of stock available at all reported stores / facilities of a Province. The Month of Stock (MOS) is an indicator which provides the estimation of stock availability in terms of how many months the current stocks will last given the consumption remains the same at the Provincial level. (MOS=AMC/SOH)

Reporting Rate

1% Union Councils: 19% District:

Percentage of Union Councils reported in a given time period.

Reporting and Availability Rates are displayed here

Availability Rate

0% Union Councils: 17% District:

Percentage of Union Councils having stock in a reporting time period.

MOS Legends: Unknown ■ Over Stock (3-999 months) ■ Stock Out (0-0.99 months) ■ Satisfactory (2-2.99 months) ■ Under Stock (1-1.99 months) ■

Filter by

Month: Feb Year: 2016 Product: Pentavalent-1 Go

Use Filter options to filter data in the table below

Province/Region Report For Product = Pentavalent-1 (February 2016)					
Province/Region	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)	
Punjab	6,895		229,027.7	2,085,062	9.1
Sindh	295		194,975.7	1,094,449	5.6
Khyber Pakhtunkhwa	0		54,736.7	0	0
Balochistan	0		3,220.7	0	0
AJK	0		0	0	0
FATA	0		4,660.3	0	0
Gilgit Baltistan	0		0	0	0
Islamabad	0		10,113.3	0	0
Total	7,190.0		496,734.3	3,179,511.0	14.7

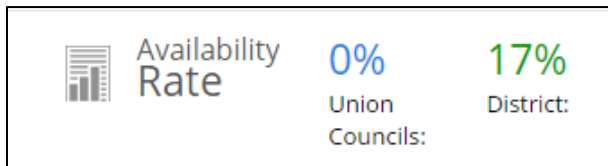
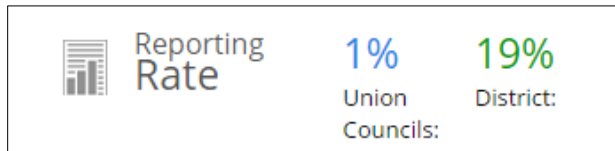
Table displays Provincial Report for each province / region

The Provincial Report can be examined further through the drill down approach of selecting and zoning in the desired data.

The Provincial Report consists of the following screen elements:

Header bar

The Header bar displays the **Reporting Rate** of vaccines on the left side and the **Availability Rate** of vaccines on the right side of District and UC.



MOS Legends

MOS legends display the MOS Stock values:



Filters

You can use **Month**, **Year**, and **Product** filters to filter values in the table.

A filter form with a green header 'Filter by'. Below the header, there are three dropdown menus: 'Month:' with 'Feb' selected, 'Year:' with '2016' selected, and 'Product:' with 'Pentavalent-1' selected. To the right of these dropdowns is a green 'Go' button.

Report Table

- **Province:** displays the list of provinces.
- **Consumption:** shows the consumption status of the vaccines in doses.
- **Average Monthly Consumption:** shows the Average monthly consumption of vaccines in doses.
- **Stock On Hand :** shows the stock on hand in doses.
- **MOS:** shows the month of stock in doses

Province/Region Report For Product = Pentavalent-1 (February 2016)					
Province/Region	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)	
Punjab	6,895	229,027.7	2,085,062	■	9.1
Sindh	295	194,975.7	1,094,449	■	5.6
Khyber Pakhtunkhwa	0	54,736.7	0	■	0
Balochistan	0	3,220.7	0	■	0
AJK	0	0	0	■	0
FATA	0	4,660.3	0	■	0
Gilgit Baltistan	0	0	0	■	0
Islamabad	0	10,113.3	0	■	0
Total	7,190.0	496,734.3	3,179,511.0		14.7

District Report

The **District Report** provides information about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the District Level.

Click **District Report** under Summary Reports tab to open the District Report. The District Report can also be viewed by reviewing the Provincial Reports and then by selecting district of interest after clicking particular province:

District Report January 2016

This report provides information about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the District Level. Consumption is the aggregated quantity used at all reported stores / facilities of the selected District. Average Monthly Consumption is calculated as average of aggregated consumption of the specified month and a sum of consumption from previous two months. Stock on hand is the aggregated quantity of stock available at all reported stores / facilities of a District. The Month of Stock (MOS) is an indicator which provides the estimation of stock availability in terms of how many months the current stocks will last given the consumption remains the same at the District level. (MOS=AMC/SOH)

Reporting Rate

39% Union Councils: 25% District:

Percentage of Union Councils reported in a given time period.

Reporting and Availability Rates are displayed here

Availability Rate

35% Union Councils: 24% District:

Percentage of Union Councils having stock in a reporting time period.

MOS Legends: Unknown ■ Over Stock (1.5-999 months) ■ Satisfactory (1-1.5 months) ■ Under Stock (0.5-1 months) ■ Stock Out (0-0.49 months) ■

Filter by

Month: Year: Province/Region: Product:

Jan 2016 Punjab Pentavalent-1

Use Filter options to filter data in the table below

District Report For Province/Region – Punjab And Product – Pentavalent-1 (January 2016)							
District	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)			
Bahawalpur		9,373	16,247.3	5,487	■	0.3	
Dera Ghazi Khan		6,357	14,618.3	9,803	■	0.7	
Faisalabad		18,935	24,723.0	393,193	■	15.9	
Gujranwala		35,372	33,754.7	282,527	■	8.4	
Lahore		70,833	88,338.7	148,013	■	2.2	
Mianwali		6,488	7,116.3	7,647	■	1.1	
Multan		34,605	35,013.0	95,684	■	2.7	
Muzaffargarh		23,107	27,481.0	7,069	■	0.3	
Rahim Yar Khan		33,423	34,806.3	75,294	■	2.2	

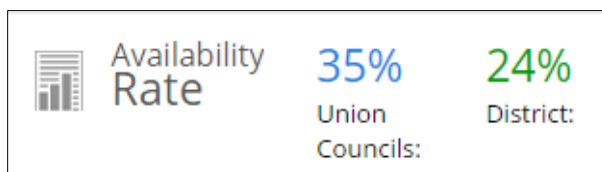
Table displays District Report for selected product and province.

The District Report can be filtered by Province and Product to view the report for Districts in the selected Province.

The District Report consists of the following screen elements:

Header bar

The Header bar displays the **Reporting Rate** of vaccines on the left side and the **Availability Rate** of vaccines on the right side of Districts and UCs.



MOS Legends

MOS legends display the MOS Stock values:



Filters














You can use **Month**, **Year**, **Province/Region** and **Product** filters to filter values in the table.

A filter form titled 'Filter by'. It contains four dropdown menus: 'Month' (set to Jan), 'Year' (set to 2016), 'Province/Region' (set to Punjab), and 'Product' (set to Pentavalent-1). A green 'Go' button is located to the right of the dropdowns.

Report Table

- **Districts:** displays the list of districts.
- **Consumption:** shows the consumption status of the vaccines in doses.
- **Average Monthly Consumption:** shows the Average monthly consumption of vaccines in doses.
- **Stock On Hand:** shows the stock on hand in doses.

MOS: shows the month of stock in doses

District Report For Province/Region = Punjab And Product = Pentavalent-1 (January 2016)						
District	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)		
Bahawalpur	9,373	16,247.3	5,487			0.3
Dera Ghazi Khan	6,357	14,618.3	9,803			0.7
Faisalabad	18,935	24,723.0	393,193			15.9
Gujranwala	35,372	33,754.7	282,527			8.4
Lahore	70,833	68,336.7	148,013			2.2
Mianwali	6,488	7,116.3	7,647			1.1
Multan	34,505	35,013.0	95,684			2.7
Muzaffargarh	23,107	27,481.0	7,969			0.3
Rahim Yar Khan	33,423	34,806.3	75,294			2.2
Rajanpur	7,798	11,145.3	7,519			0.7
Rawalpindi	35,906	35,585.3	259,248			7.3
Sahiwal	17,540	18,170.7	165,217			9.1
Sargodha	27,350	27,923.0	58,725			2.1
Total	326,987.0	354,921.0	1,516,326.0			52.9

Tehsil Report

The Tehsil Report report provides information about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the Tehsil Level.

Click **Tehsil Report** under Summary Reports tab to open the Tehsil Report. The Tehsil Report can also be viewed by reviewing the Provincial Reports and then selecting a particular Tehsil of interest:

Tehsil Report February 2015

This report provides information about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the Tehsil Level. Consumption is the aggregated quantity used at all reported stores / facilities of the selected Tehsil. Average Monthly Consumption is calculated as average of aggregated consumption of the specified month and a sum of consumption from previous two months. Stock on hand is the aggregated quantity of stock available at all reported stores / facilities of a Tehsil. The Month of Stock (MOS) is an indicator which provides the estimation of stock availability in terms of how many months the current stocks will last given the consumption remains the same at the Tehsil level. (MOS=AMC/SOH)

Reporting Rate: 41% Union Councils
 Availability Rate: 36% Union Councils

Reporting and Availability Rates are displayed here

MOS Legends: Unknown ■ Stock Out (0-0.49 months) ■ Under Stock (0.5-1 months) ■ Satisfactory (1-1.5 months) ■ Over Stock (1.5-999 months) ■

Filter by
 Month: Feb Year: 2015 Province/Region: Punjab District: Select Product: Pentavalent-1 Go

Use Filter options to filter data in the table below

Tehsil Report For Province = Punjab And Product = Pentavalent-1(February 2015)					
Tehsil	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)	
Ahmedpur East	8,179	8,067.3	24,134	■	3.0
Bahawalpur City	4,501	4,498.7	1,405	■	0.3
Bahawalpur Sadder	4,843	4,803.7	5,754	■	1.3
Hasilpur		3,690.0	4,321	■	1.2
Khairpur Tamewali		2,299.3	10,093	■	4.4
Yazman		4,595.7	12,604	■	2.7
Dera Ghazi Khan	7,185	7,453.7	4,658	■	0.6
Kot Chuta	5,005	4,910.3	1,903	■	0.4

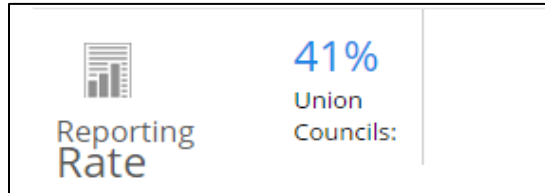
Table displays Tehsil Report for the selected product

The Tehsil Report can be filtered by Province and Product to view the report for Tehsil in each province.

The Tehsil Report consists of the following screen elements:

Header bar

The Header bar displays the **Reporting Rate** of vaccines on the left side and the **Availability Rate** of vaccines on the right side of District and UC stores.



MOS Legends

MOS legends display the MOS Stock values:



Filters

You can use **Month**, **Year**, **Province/Region**, **District** and **Product** filters to filter values in the table.

A filter bar with a green header "Filter by". Below the header are five dropdown menus: "Month:" (Feb), "Year:" (2015), "Province/Region:" (Punjab), "District:" (Select), and "Product:" (Pentavalent-1). A green "Go" button is located to the right of the dropdowns.

Report Table

- **Tehsil:** displays the list of tehsils.
- **Consumption :** shows the consumption of vaccines in doses
- **Average Monthly Consumption:** shows the average monthly consumption of vaccines in doses
- **Stock On Hand:** shows the stock on hand in doses
- **MOS:** shows the months of stock in doses

Tehsil Report For Province = Punjab And Product = Pentavalent-1(February 2015)						
Tehsil	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)		
Ahmedpur East	8,179	8,087.3	24,134	3.0	■	
Bahawalpur City	4,501	4,498.7	1,405	0.3	■	
Bahawalpur Saddar	4,843	4,803.7	5,754	1.3	■	
Hasilpur	3,769	3,890.0	4,321	1.2	■	
Khairpur Tamewali	2,227	2,299.3	10,093	4.4	■	
Yazman	4,537	4,595.7	12,804	2.7	■	
Dera Ghazi Khan	7,185	7,453.7	4,858	0.6	■	
Kot Chuta	5,005	4,910.3	1,903	0.4	■	
Taunsa	5,005	4,858	53,951	11.4	■	
Tribal Area	1,129	1,058.7	70	0.1	■	
Chak Jhumera	2,830	2,780.0	5,314	1.9	■	
FSD City	22,217	22,576.7	92,791	4.1	■	
FSD Sadar	9,169	9,408.0	28,841	3.1	■	
Jaranwala	9,523	9,886.7	53,797	5.4	■	
Samundri	4,202	4,529.7	6,794	1.5	■	


UC Report

The **UC Report** This report provides information about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the Union Council Level.

Click **UC Report** under Summary Reports tab to open the UC Report:

Union Council Report November 2015


This report provides information about the consumption, average monthly consumption (AMC), quantity on hand of all products managed within the database and month of stock (MOS) for each product at the Union Council Level. Consumption is the aggregated quantity used at all reported stores / facilities of the selected Union Council. Average Monthly Consumption is calculated as average of aggregated consumption of the specified month and a sum of consumption from previous two months. Stock on hand is the aggregated quantity of stock available at all reported stores / facilities of a Union Council. The Month of Stock (MOS) is an indicator which provides the estimation of stock availability in terms of how many months the current stocks will last given the consumption remains the same at Union the Council level. (MOS=AMC/SOH)



Reporting Rate

45%
Union Councils:

Reporting and Availability Rates are displayed here



Availability Rate



38%
Union Councils:

Percentage of Union Councils reported in a given time period. Percentage of Union Councils having stock in a reporting time period.

MOS Legends: Unknown ■ Stock Out (0-0.49 months) ■ Under Stock (0.5-0.99 months) ■ Satisfactory (1-1.49 months) ■ Over Stock (1.5-999 months) ■

Filter by

Month: Year: Province/Region: District: Tehsil: Union Council: Product:

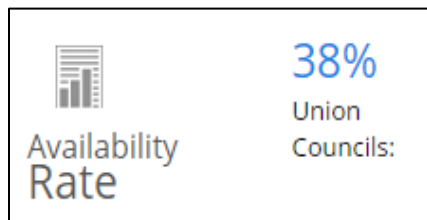
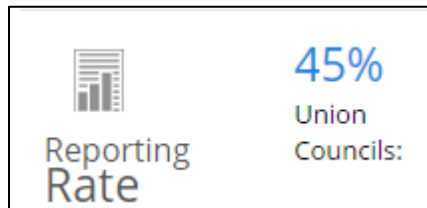
Union Council Report For Province/Region = 'Punjab' District = 'Bahawalpur' Tehsil = " Product = 'Pentavalent-1' (November 2015)						
Union Council	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)		
Alli Kharik	254	253.0	131	■	0.5	
Bakhtari	255	271.0	0	■	0.0	
Banwala	255	215.7	179	■	0.8	
Chanab Rasoolpur	288	288.0	137	■	0.5	
Chani Goth	300	288.7	187	■	0.7	

Table displays UC Report for the selected product

The UC Report consists of the following screen elements:

Header bar

The Header bar displays the **Reporting Rate** of vaccines on the left side and the **Availability Rate** of vaccines on the right side of UC stores.



MOS Legends

MOS legends display the MOS Stock values:



Filters

You can use **Month**, **Year**, **Province/Region**, **District**, **Tehsil**, **Union Council** and **Product** filters to filter values in the table.

A "Filter by" form with a green header. Below the header, there are seven dropdown menus and a "Go" button. The dropdown menus are labeled: "Month:" (value: Nov), "Year:" (value: 2015), "Province/Region:" (value: Punjab), "District" (value: Bahawalpur), "Tehsil" (value: All), "Union Council" (value: All), and "Product:" (value: Pentavalent-1). The "Go" button is green with white text.

Report Table

- **Union Council:** displays the list of union councils.
- **Consumption:** shows the consumption of vaccines in doses.
- **Average Monthly Consumption:** shows the average monthly consumption in doses.
- **Stock On Hand:** shows the stock on hand in doses
- **MOS :** shows the Months of stock in doses

Union Council Report For Province/Region = 'Punjab' District = 'All' Tehsil = 'All' Product = 'IPV (Campaign)' (March 2016)						
Union Council	Consumption (Doses)	AMC (Doses)	Product On Hand (Doses)	Months of Stock (MOS)		
Ali Khanik	0	0.0	0	■	0	0
Bakhtian	0	0.0	0	■	0	0
Banwala	0	0.0	0	■	0	0
Chanab Rasoolpur	0	0.0	0	■	0	0
Chani Goth	0	0.0	0	■	0	0
Dhoorkot	0	0.0	0	■	0	0
Hatheji	0	0.0	0	■	0	0
Januwala	0	0.0	0	■	0	0
Khairpur Daha	0	0.0	0	■	0	0
Khairpur Dahah	0	0	0	■	0	0
Khuda Bakhsh Mahar	0	0.0	0	■	0	0

Stock Availability Report

This report shows the in-country available stock based on the filters applied at all levels of supply chain. Stocks are translated in Months of Stock and calculated from Average Monthly Consumption.

Click **Stock Availability Report** under Summary Report to open the Stock Availability Report.

Stock Availability Report (Doses)

Filter by

Month: Mar Year: 2014 Province/Region: Punjab Product: bOPV Go

Use Filter options to filter data in the table below

PDF XLS

'Central Warehouse Report For Stakeholder = All Province/Region = Punjab And Product = bOPV (March 2014)'

Central Warehouse	Stakeholder	AMC	Total	MOS
Federal EPI Store	EPI Program	910,270		11

PDF XLS

'Provincial Report For Stakeholder = All Province/Region = Punjab And Product = bOPV (March 2014)'

Provincial Warehouse	Stakeholder	AMC	Total	MOS
Punjab	Provincial EPI Office	338,723.00	6,641,300.00	19.61

PDF XLS

'Districts Report For Stakeholder = All Province/Region = Punjab And Product = bOPV (March 2014)'

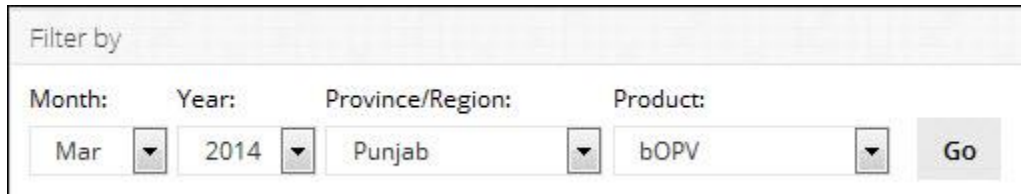
Districts	Province/Region	Stakeholder	AMC	Store	MOS	Field	MOS	Total	MOS
Bahawalpur	Punjab	District EPI Office	0	0	0.00	0	0.00	0	0.00
Dera Ghazi Khan	Punjab	District EPI Office	0	0	0.00	0	0.00	0	0.00
Faisalabad	Punjab	District EPI Office	360	0	0.00	100	0.28	100	0.28

In this report only those Districts stores appears who has reported for the period applied to view the report.

The Stock Availability Report consists of the following screen elements:

Filters

You can use **Month**, **Year**, **Province/Region** and **Product** filters to filter values in the table.



Filter by

Month: Mar Year: 2014 Province/Region: Punjab Product: bOPV Go

Central Store Report Table

The Central Store Report Table displays the summary of Consumption, Average monthly consumption and MOS for the Central store based on the selected filters in the Filter Table.



Central Warehouse Report For Stakeholder = All Province/Region = Punjab And Product = bOPV (March 2014)

Central Warehouse	Stakeholder	AMC	Total	MOS
Federal EPI Store	EPI Program	910,270	11	

- **Stakeholder:** displays the stakeholder (EPI Program).
- **Average Monthly Consumption:** average of aggregated consumption of the last three non-zero consumption months.
- **Total:** the total amount of consumed product.
- **MOS:** Month of Stocks is the estimate of number of months the stock will last. This calculation is based on average monthly consumption.

Provincial Store Report Table

The Provincial Store Report Table displays the summary of Consumption, Average monthly consumption and MOS for the Provincial Store based on the selected Province in the Filter Table.




Provincial Report For Stakeholder = All Province/Region = Punjab And Product = bOPV (March 2014)				
Provincial Warehouse	Stakeholder	AMC	Total	MOS
Punjab	Provincial EPI Office	338,723.00	6,641,300.00	19.61

- **Stakeholder:** displays the stakeholder (EPI Program).
- **Average Monthly Consumption:** average of aggregated consumption of the last three non-zero consumption months.
- **Total:** the total amount of consumed product in the province.
- **MOS:** Month of Stocks is the estimate of number of months the stock will last. This calculation is based on average monthly consumption.

District Store Report Table

The District Store Report Table displays the summary of Consumption summary of store and field for each district in the selected Province.

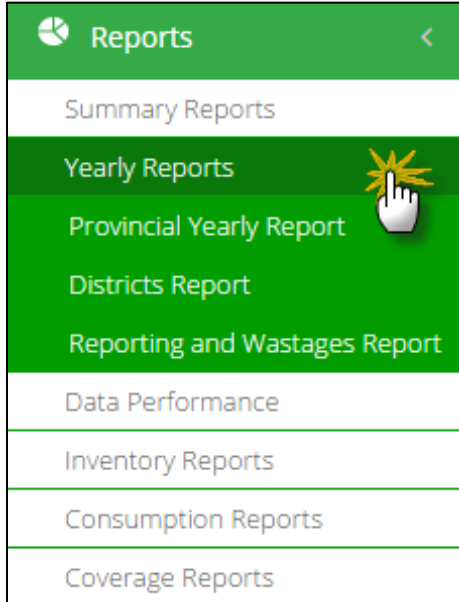


Districts Report For Stakeholder = All Province/Region = Punjab And Product = bOPV (March 2014)									
Districts	Province/Region	Stakeholder	AMC	Store	MOS	Field	MOS	Total	MOS
Bahawalpur	Punjab	District EPI Office	0	0	0.00	0	0.00	0	0.00
Dera Ghazi Khan	Punjab	District EPI Office	0	0	0.00	0	0.00	0	0.00
Faisalabad	Punjab	District EPI Office	360	0	0.00	100	0.28	100	0.28

- **District:** displays the districts if the selected Province.
- **Province:** displays the Province.
- **Stakeholder:** displays the stakeholder (EPI Program).
- **AMC:** average of aggregated consumption of the last three non-zero consumption months for the district store.
- **Store:** the consumption of the district store.
- **MOS:** Months of Stock is the estimate of number of months the stock will last in district store. This calculation is based on average monthly consumption.
- **Field:** the consumption of vaccines in field.
- **MOS:** Months of Stock is the estimate of number of months the stock will last in field. This calculation is based on average monthly consumption.
- **Total:** the total amount of consumed product in the district for district store and field.
- **MOS:** Months of Stock is the estimate of number of months the stock will last. This calculation is based on average monthly consumption.

Yearly Reports

Click the **Yearly Reports** tab to expand the Yearly Reports as shown in the image below:



You can expand and collapse the Yearly Reports tab, as required.

Filters

You can use **Month, Year, Province/Region, Division, District** and **Indicator** filters to filter values in the table:

Filter by						
Ending Month:	Year:	Province/Region:	Division:	District:	Indicator:	
Mar ▼	2016 ▼	Punjab ▼	Select ▼	Select ▼	Vaccination ▼	Go

Report Table

Product wise Provincial Yearly "Consumption" Report for 'Province: Punjab' " (In Doses)												
Product	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16
bOPV	196,503	55,082	15,648	1,280	5,358	447,728	12,544	241,930	0	0	0	0
bOPV (IHR)	0	0	0	0	0	0	0	0	0	0	0	0
bOPV (PTP)	0	0	0	0	0	0	0	0	0	0	0	0
IPV (Campaign)	0	0	4,000	65	75	212	364	467	0	0	0	0
IPV	0	0	14	46,588	77,815	66,766	80,877	95,345	84,073	92,127	2,142	1,260
mOPV-1	1,523	1,561	790	262	999	838	0	0	0	0	0	0
IOPV	563,682	520,851	535,919	517,873	568,794	525,774	587,775	592,287	541,141	511,957	10,890	3,767
Meningococcal	0	0	0	0	0	0	0	0	0	0	0	0
IOPV (Campaign)	0	0	0	0	0	0	0	0	0	0	0	0
IOPV (IHR)	4,857	5,798	5,672	4,382	2,097	74,161	0	0	0	0	0	0
IOPV (PTP)	0	0	0	0	0	0	0	0	0	0	0	0
BCG-20	184,441	163,064	160,844	160,852	183,206	172,556	186,011	189,396	164,179	152,228	3,671	2,162
DIL-BCG-20	0	0	1	0	0	0	0	0	0	0	536	704
Pentavalent-1	438,295	404,777	381,619	361,086	375,064	310,936	399,827	384,575	353,201	326,987	6,895	3,465
Pneumococcal-2 (PCV10)	436,020	406,930	380,579	357,496	372,806	335,746	393,108	385,824	355,332	328,285	6,400	3,373
Measles-10	284,812	273,796	257,824	242,770	262,265	233,574	264,787	264,922	226,950	206,142	4,068	2,770
DIL-Measles-10	0	0	9	0	0	0	0	0	0	0	776	982
Measles-10 (Campaign)	0	0	0	0	0	0	0	0	0	0	0	0
DIL-Measles-10 (Campaign)	0	0	0	0	0	0	0	0	0	0	0	0
TT-1	1,603	1,652	85	15	5,559	9,123	7,485	3,356	1,650	3,395	0	0
TT-10	2,432	1,805	798	679	2,182	1,562	2,060	1,344	1,699	995	0	0

Filters

You can use **Month**, **Year**, **Province/Region**, **Product** and **Indicator** filters to filter values in the table:

Filter by					
Ending Month:	Year:	Province/Region:	District	Product:	Indicator:
Mar ▼	2016 ▼	Punjab ▼	Select ▼	IPV ▼	Vaccination ▼
Go					

Report Table

District wise 'IPV (Campaign)' Yearly 'Vaccination' Report for Province: Punjab (In Doses)												
District	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16
Bahawalpur	0	0	0	65	75	72	18	397	0	0	0	0
Dera Ghazi Khan	0	0	0	0	0	0	0	0	0	0	0	0
Faisalabad	0	0	0	0	0	0	0	0	0	0	0	0
Gujranwala	0	0	0	0	0	0	40	50	0	0	0	0
Lahore	0	0	0	0	0	40	0	0	0	0	0	0
Mianwali	0	0	0	0	0	0	0	0	0	0	0	0
Multan	0	0	0	0	0	100	0	0	0	0	0	0
Muzaffargarh	0	0	4,000	0	0	0	100	20	0	0	0	0
Rahim Yar Khan	0	0	0	0	0	0	0	0	0	0	0	0
Rajanpur	0	0	0	0	0	0	0	0	0	0	0	0
Rawalpindi	0	0	0	0	0	0	0	0	0	0	0	0
Sahiwal	0	0	0	0	0	0	206	0	0	0	0	0
Sargodha	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	4,000	65	75	212	364	467	0	0	0	0

Reporting and Wastages Rate

This report provides information about the reporting and wastage rates of the selected product and the province during the span of given year. Reporting Rate is a ratio of reported facilities to the total number of facilities expressed in percentage. Wastages Rate is the ratio of wastage quantity to the sum of stock issued and wastage quantity expressed in percentage.

There is a filter to view wastages of products province wise individually or all provinces collectively. System provides an option to export report to PDF and Excel format.

Application provides product-wise wastage report for each district. User will be able to filter wastage of any product at any location level i.e. district, tehsil store or health facility. Screen below shows the wastage report. The entries colored red are those which exceed the acceptance limit percentage.

Reporting and Wastages Rate March 2016

This report provides information about the reporting and wastage rates of the selected product and the province during the span of given year. Reporting Rate is a ratio of reported facilities to the total number of facilities expressed in percentage. Wastages Rate is the ratio of wastage quantity to the sum of stock issued and wastage quantity expressed in percentage.

Filter by

Ending Month: Year: Product: Office: Province/Region:

Use Filter options to filter data in the table below

RR: Reporting Rate
Wastage Acceptance Limit: 50%

"BCG-20" Reporting and Wastage Rate for 'Province: Punjab' (October-2015 to March-2016)													
District	Oct-15		Nov-15		Dec-15		Jan-16		Feb-16		Mar-16		
	RR	Wastages	RR	Wastages	RR	Wastages	RR	Wastages	RR	Wastages	RR	Wastages	
Bahawalpur	88.9 %	38.7 %	90.7 %	38.0 %	48.1 %	38.6 %	32.4 %	35.7 %	0.0 %	0.0 %	0.0 %	0.0 %	
Dera Ghazi Khan	100.0 %	32.7 %	100.0 %	31.3 %	78.0 %	31.2 %	33.9 %	36.5 %	0 %	0 %	0 %	0 %	
Faisalabad				32.6 %	48.4 %	34.7 %	36.7 %	31.0 %	0 %	0 %	0 %	0 %	
Gujranwala				30.4 %	97.9 %	30.4 %	96.4 %	30.0 %	10.8 %	27.8 %	1.0 %	48.3 %	
Lahore				27.4 %	98.2 %	25.1 %	97.0 %	23.9 %	0 %	0 %	0 %	0 %	
Mianwali				29.3 %	62.5 %	29.4 %	55.4 %	30.8 %	0 %	0 %	0 %	0 %	
Multan	99.2 %	35.7 %	96.2 %	35.6 %	95.5 %	39.6 %	94.7 %	36.1 %	0 %	0 %	0 %	0 %	
Muzaffargarh	98.9 %	8.8 %	100.0 %	8.6 %	98.9 %	6.8 %	65.6 %	4.4 %	0 %	0 %	0 %	0 %	
Rahim Yar Khan	93.2 %	22.1 %	94.7 %	26.7 %	95.5 %	24.6 %	93.2 %	22.8 %	0 %	0 %	0 %	0 %	
Rajapur	100.0 %	35.4 %	100.0 %	37.4 %	100.0 %	34.1 %	54.5 %	24.2 %	0 %	0 %	0 %	0 %	
Rawalpindi	95.9 %	27.7 %	96.4 %	28.2 %	95.9 %	32.9 %	95.4 %	28.9 %	13.8 %	88.1 %	10.7 %	81.9 %	
Sahiwal	97.8 %	23.0 %	97.8 %	25.9 %	87.9 %	23.6 %	90.1 %	19.4 %	0 %	0 %	0 %	0 %	
Sargodha	100.0 %	32.7 %	100.0 %	28.2 %	100.0 %	32.3 %	99.4 %	33.0 %	0 %	0 %	0 %	0 %	

Table displays Wastage Report of the selected product

Filters

You can use Ending Month, Year, Province/Region and Product filters to filter values in the table:

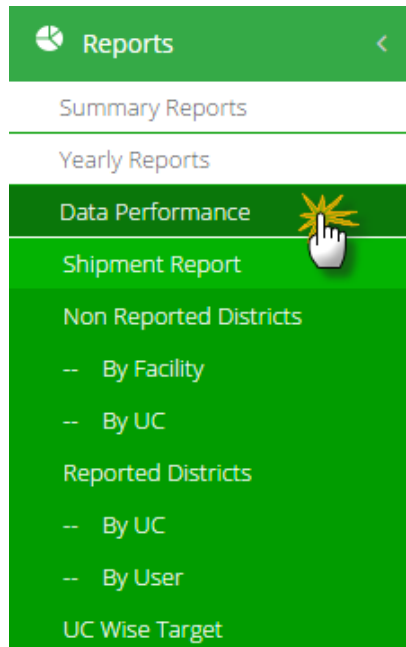
Filter by						
Ending Month:	Year:	Province/Region:	District	Product:	Indicator:	
Mar ▼	2016 ▼	Punjab ▼	Select ▼	IPV ▼	Vaccination ▼	Go

Report Table

'BCG-20' Reporting and Wastage Rate for 'Province: Punjab' (October-2015 to March-2016)												
District	Oct-15		Nov-15		Dec-15		Jan-16		Feb-16		Mar-16	
	RR	Wastages	RR	Wastages	RR	Wastages	RR	Wastages	RR	Wastages	RR	Wastages
Bahawalpur	88.9 %	38.7 %	90.7 %	38.0 %	48.1 %	38.6 %	32.4 %	35.7 %	0.0 %	0.0 %	0.0 %	0.0 %
Dera Ghazi Khan	100.0 %	32.7 %	100.0 %	31.3 %	78.0 %	31.2 %	33.9 %	36.5 %	0 %	0 %	0 %	0 %
Faisalabad	72.0 %	35.0 %	55.4 %	32.6 %	48.4 %	34.7 %	36.7 %	31.0 %	0 %	0 %	0 %	0 %
Gujranwala	99.5 %	27.6 %	97.4 %	30.4 %	97.9 %	30.4 %	96.4 %	30.0 %	10.8 %	27.8 %	1.0 %	48.3 %
Lahore	98.8 %	28.0 %	97.6 %	27.4 %	98.2 %	25.1 %	97.0 %	23.9 %	0 %	0 %	0 %	0 %
Mianwali	62.5 %	28.0 %	62.5 %	29.3 %	62.5 %	29.4 %	55.4 %	30.8 %	0 %	0 %	0 %	0 %
Multan	99.2 %	35.7 %	96.2 %	35.6 %	95.5 %	39.6 %	94.7 %	36.1 %	0 %	0 %	0 %	0 %
Muzaffargarh	98.9 %	8.8 %	100.0 %	8.6 %	98.9 %	6.8 %	65.6 %	4.4 %	0 %	0 %	0 %	0 %
Rahim Yar Khan	93.2 %	22.1 %	94.7 %	26.7 %	95.5 %	24.6 %	93.2 %	22.8 %	0 %	0 %	0 %	0 %
Rajanpur	100.0 %	35.4 %	100.0 %	37.4 %	100.0 %	34.1 %	54.5 %	24.2 %	0 %	0 %	0 %	0 %
Rawalpindi	95.9 %	27.7 %	96.4 %	28.2 %	95.9 %	32.9 %	95.4 %	28.9 %	13.8 %	68.1 %	10.7 %	81.9 %
Sahiwal	97.8 %	23.0 %	97.8 %	25.9 %	87.9 %	23.6 %	90.1 %	19.4 %	0 %	0 %	0 %	0 %
Sargodha	100.0 %	32.7 %	100.0 %	28.2 %	100.0 %	32.3 %	99.4 %	33.0 %	0 %	0 %	0 %	0 %

Data Performance

Click **Data Performance** tab to expand the Non Reported Districts Report as shown in the image below:



You can expand and collapse the Data Performance tab, as required.

Shipment Report

This report provides information about stock issued and received by the stores at four different levels i.e. National, Provincial, District and Tehsil during the span of selected six months.

This report provides a yearly summary of store shipment report. It provides a report of all issued and received stock province and national. It gives the status of issued stock i.e. received or pending and a detail of each voucher.

Report provides a detailed view of all transactions showing the stores to which the stock is issued, or from where it is received. Detail view shows a status transactions to provide the user with latest updated on issued/received transaction.

It also provides information of each transaction voucher containing the detail of products that were issued/received in a particular transaction.

This report provides a dynamic filter of year which will show last six months of the selected ending year. It also shows filters to view stock transactions based on store types i.e. central, provincial, district and tehsil.

Click **Shipment Report** under Yearly Report to open the desired Report.

Stock Shipment Report March 2016

This report provides information about stock issued and received by the stores at four different levels i.e. National, Provincial, District and Tehsil during the span of selected six months.

Filter by

Ending Month: Year: Store:

Mar 2016 Federal Go

Use Filter options to filter data in the table below

PDF X

Stock Shipment Report As on (March-2016)

Store	Oct-15		Nov-15		Dec-15		Jan-16		Feb-16		Mar-16	
	ive	Issue	Receive	Issue	Receive	Issue	Receive	Issue	Receive	Issue	Receive	Issue
Federal Vaccine Store	20	77	18	45	38	73	8	59	15	53	2	3

Table displays Shipment Report of the selected product

Below screenshot shows the report grid with transaction count in a particular month for every store.

Stock Shipment Report January 2016

This report provides information about stock issued and received by the stores at four different levels i.e. National, Provincial, District and Tehsil during the span of selected six months.

Filter by

Ending Month: Year: Store: Province/Region: District:



Stock Shipment Report As on (January-2016)												
Store	Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		Jan-16	
	Receive	Issue	Receive	Issue	Receive	Issue	Receive	Issue	Receive	Issue	Receive	Issue
District Rawalpindi Store	4	0	6	0	7	44	3	33	6	36	5	3
District Rahim Yar Khan Store	2	0	4	0	4	12	1	11	3	21	4	7
District Manwali Store	0	0	0	0	5	9	2	10	5	15	2	10
District DG Khan Store	2	4	0	7	2	4	3	22	7	23	4	24
District Lahore Store	0	0	2	0	5	36	5	59	3	34	3	39
District Sahiwal Store	11	4	1	0	1	2	7	14	0	0	1	0
District Faisalabad Store	0	0	4	0	7	16	0	11	0	0	0	0
District Sargodha Store	0	0	0	0	2	24	3	50	2	20	2	23
District Bhawalpur Store	0	0	0	0	2	14	1	34	3	35	4	16
District Muzaaffargarh Store	1	5	3	9	5	11	2	3	5	18	1	21
District Gujranwala Store	4	1	4	3	3	24	1	21	4	10	2	13
District Rajanpur Store	0	0	0	0	7	23	0	1	4	12	4	15

Transaction Details

On clicking the number of received stock in the month of February, the report shows a detail of transactions containing the store where the stock transaction was done.

Voucher Details

Transaction Voucher will be shown when a user clicks the transaction number this voucher can be used for reference.

Non Reported Districts

This report provides information about the non-reported facilities within the selected District for a specified month.. User can select Month, Year, Province/Region and District. This report is a good monitoring tool for Mangers at Provincial and Federal level to view the information about non-reported districts. This report shows:

1. Total Stores
2. Total Non-Reported Stores
3. Reporting Rate

The report can be further refined by selecting the following filters:

1. By Facility
2. By UC

By Facility

This report shows a detail of total and non-reported facilities within a province. It also shows an aggregate of the percentage reported facilities at the end. A line graph is provided that shows consumption of a district over the last six months. A detail of non-reported facilities is also provided, which shows both reported and non-reported facilities.

Non-Reported EPI Centers Report

This report provides information about the non-reported facilities within the selected District for a specified month.

Filter by

Month: Year: Office: Province/Region: District:

Use Filter options to filter data in the table below

Total EPI Centers 128 Total Non Reported EPI Centers 127 Reporting Rate 0.78%

Non-reported EPI Centers Report For Province/Region Punjab (March 2016)					
Sr No.	Province/Region	District	Tehsil	Union Council	EPI Center
1	Punjab	Bahawalpur	Hasilpur	188/M	BHU 183/M
2	Punjab	Bahawalpur	Bahawalpur Saddar	UC 24/BC	RHC Lal Sohanra
3	Punjab	Bahawalpur	Bahawalpur Saddar	4 B/C	RHC Dera Bakha
4	Punjab	Bahawalpur	Yazman	88/DB	BHU Kudwala
5	Punjab	Bahawalpur	Yazman	Chananpeer	BHU Mithra
6	Punjab	Bahawalpur	Ahmedpur East	Chani Goth	RHC Chanigoth
7	Punjab	Bahawalpur	Hasilpur	H-38 Urban	Hospital Hasilpur
8	Punjab	Bahawalpur	Ahmedpur East	Mubarkpur	RHC Mubarkpur
9	Punjab	Bahawalpur	Hasilpur	Qaimpur	RHC Qaimpur
10	Punjab	Bahawalpur	Bahawalpur Saddar	Samma Satta	RHC Khanqah Sharif
11	Punjab	Bahawalpur	Ahmedpur East	Urban B	THQ Ahmedpur East

Table displays Non Reported EPI Centers Report

By Union Council

This report shows a detail of total and non-reported UCs within a province. It also shows an aggregate of the percentage reported UCs at the end. A line graph is provided that shows

consumption of a district over the last six months. A detail of non-reported UCs is also provided, which shows both reported and non-reported.

Non-Reported EPI Centers Report

Filter by

Month: Jul Year: 2014 Province/Region: Punjab District: Bahawalpur Go

Total Warehouses 108
Total Non Reported Warehouses 107
Reporting Rate 0.93%

Non-reported EPI Centers Report For Province/Region (July 2014)					
SNO	Province/Region	District	Union Council	Operator	TelePhone No
1	Punjab	188/M	188/M		
2	Punjab	37 B/C	37 B/C	Muhammad Mohsin Aslam	
3	Punjab	4 B/C	4 B/C	Syed Zakir Ali	
4	Punjab	68/DB	68/DB	Imran Shahi	
5	Punjab	Chananpeer	Chananpeer	Muhammad Shahbaz	
6	Punjab	chanigoth	chanigoth	Muhammad Imran	
7	Punjab	H-38 Urban	H-38 Urban	Faraqat Ali	
8	Punjab	Mubarikpur	Mubarikpur	Muhammad Awrais	
9	Punjab	Qaimpur	Qaimpur	Muhammad Ayoub	
10	Punjab	Samma Satta	Samma Satta	Qazi Abid Ali	
11	Punjab	Urban B	Urban B	Azeem Asghar	
12	Punjab	Urban KPT	Urban KPT	Muhammad Tahir	
13	Punjab	Urban No. 3	Urban No. 3	Rana Ummar	
14	Punjab	Urban Uch Sharif	Urban Uch Sharif	Ruqayya Bano	

Use Filter options to filter data in the table below

Table displays Non Reported EPI Centers Report

Reported Districts

This report shows the reporting rate of different stores in a particular month. User can select Month, Year and Province/Region. This report is a good monitoring tool for Mangers at Provincial and Federal level to view the information about non-reported districts. The report can be further refined by selecting the following filters:

1. By UC
2. By User
3. By Facility

By Union Council

This report provides information about the total number of union councils, number of reported union councils and reporting rate at the District level during a span of six months. Reporting Rate is a ratio of reported union councils to the total number of union councils expressed in percentage.. It also shows an aggregate of the percentage reported UCs at the end. A line graph is provided that shows consumption of a district over the last six months. A detail of reported UCs is also provided, which shows both reported and non-reported.

Consumption Data Reporting Status (By UC) March 2016

This report provides information about the total number of union councils, number of reported union councils and reporting rate at the District level during a span of six months. Reporting Rate is a ratio of reported union councils to the total number of union councils expressed in percentage.

Filter by

Ending Month: Year: Office: Province/Region:

District	Jan-2016					Feb-2016					Mar-2016				
	Total UCs	Reported UCs	Timely Reported	Reporting %	Timeliness %	Total UCs	Reported UCs	Timely Reported	Reporting %	Timeliness %	Total UCs	Reported UCs	Timely Reported	Reporting %	Timeliness %
Bahawalpur	108	35	35	32 %	100 %	108	3	2	3 %	67 %	108	1	1	1 %	100 %
Dera Ghazi Khan	59	20	0	34 %	0 %	59	0	0	0 %	0 %	59	0	0	0 %	0 %
Faisalabad	289	107	92	37 %	86 %	289	0	0	0 %	0 %	289	0	0	0 %	0 %
Gujranwala	194	190	175	98 %	92 %	194	22	22	11 %	100 %	194	2	2	1 %	100 %
Lahore	168	164	164	98 %	100 %	168	0	0	0 %	0 %	168	0	0	0 %	0 %
Mianwali	56	32	29	57 %	91 %	56	0	0	0 %	0 %	56	0	0	0 %	0 %
Multan	132	125	109	95 %	87 %	132	0	0	0 %	0 %	132	0	0	0 %	0 %
Muzaffargarh	93	61	53	66 %	87 %	93	0	0	0 %	0 %	93	0	0	0 %	0 %
Rahim Yar Khan	133	130	106	98 %	82 %	133	0	0	0 %	0 %	133	0	0	0 %	0 %
Rajampur	44	24	15	55 %	63 %	44	0	0	0 %	0 %	44	0	0	0 %	0 %
Rawalpindi	196	196	196	100 %	100 %	196	27	27	14 %	100 %	196	22	22	11 %	100 %
Sahiwal	91	83	82	91 %	99 %	91	0	0	0 %	0 %	91	0	0	0 %	0 %
Sangodha	167	167	167	100 %	100 %	167	0	0	0 %	0 %	167	0	0	0 %	0 %
Total	1,730	1,334	1,223	77 %	92 %	1,730	52	51	3 %	98 %	1,730	25	25	1 %	100 %

By User

This report shows a detail of total and reported UC Users within a province. It also shows an aggregate of the percentage reported users at the end. A line graph is provided that shows consumption of a district over the last six months. A detail of reported users is also provided, which shows assigned UCs to that users and also user details both reported and non-reported.

Consumption Data Reporting Status (By User) March 2016

This report provides information about the total number of users, number of reported users and reporting rate at the District level during a span of six months. Reporting Rate is a ratio of reported users to the total number of users expressed in percentage.

Filter by

Ending Month: Year: Office: Province/Region:

Use Filter options to filter data in the table below

Consumption Data Reporting Status (By User) As on(March-2016)

District	Total Users	Oct-15		Nov-15		Dec-15		Jan-16		Feb-16		Mar-16	
		Reported Users		Reported Users		Reported Users		Reported Users		Reported Users		Reported Users	
Bahawalpur	17	1	6 %	1	6 %	9	53 %	7	41 %	1	6 %	1	6 %
Dera Ghazi Khan	9	1	11 %	7	78 %	9	100 %	5	56 %	0	0 %	0	0 %
Faisalabad	24	2	8 %	10	42 %	15	63 %	12	50 %	0	0 %	0	0 %
Gujranwala	26	3	12 %	7	27 %	26	100 %	26	100 %	10	38 %	2	8 %
Lahore	11	3	27 %	4	36 %	10	91 %	10	91 %	0	0 %	0	0 %
Mianwali	8	2	25 %	2	25 %	5	63 %	5	63 %	0	0 %	0	0 %
Multan	3	1	33 %	2	67 %	3	100 %	3	100 %	0	0 %	0	0 %
Muzaffargarh	17	0	0 %	4	24 %	17	100 %	13	76 %	0	0 %	0	0 %
Rahim Yar Khan	17	2	12 %	5	29 %	17	100 %	17	100 %	0	0 %	0	0 %
Rajapur	3	0	0 %	2	67 %	3	100 %	2	67 %	0	0 %	0	0 %
Rawalpindi	25	1	4 %	5	20 %	24	96 %	24	96 %	5	20 %	5	20 %
Sahiwal	16	2	13 %	2	13 %	15	94 %	15	94 %	0	0 %	0	0 %

Table displays Consumption Data Status

UC wise Target List

This report shows list of population and targets for a particular district of the province for a selected year.

UC wise Target List

Filters

Province* District Year*

UC wise Targets for Punjab for year 2016

5 records Search:

S.No	District	Tehsil	UC	Population	Target
1	Bahawalpur	Hasilpur	163/M	38,217	1,338
2	Bahawalpur	Hasilpur	188/M	37,656	1,318
3	Bahawalpur	Hasilpur	192/M	26,856	940
4	Bahawalpur	Yazman	1/DNB	28,589	1,001
5	Bahawalpur	Yazman	17/DNB	26,535	929
6	Bahawalpur	Yazman	22/DNB	32,049	1,122
7	Bahawalpur	Yazman	36/DNB	26,642	932
8	Bahawalpur	Bahawalpur City	37 B/C	40,770	1,427
9	Bahawalpur	Bahawalpur Saddar	12 B/C	26,541	929
10	Bahawalpur	Bahawalpur Saddar	4 B/C	37,902	1,327

Showing 1 to 10 of 2,016 entries

Target = (Population / 100) * 3.5

Use Filter options to filter data in the table below

Table displays Consumption Data Status

Inventory Reports

Batch Shelf Life Report

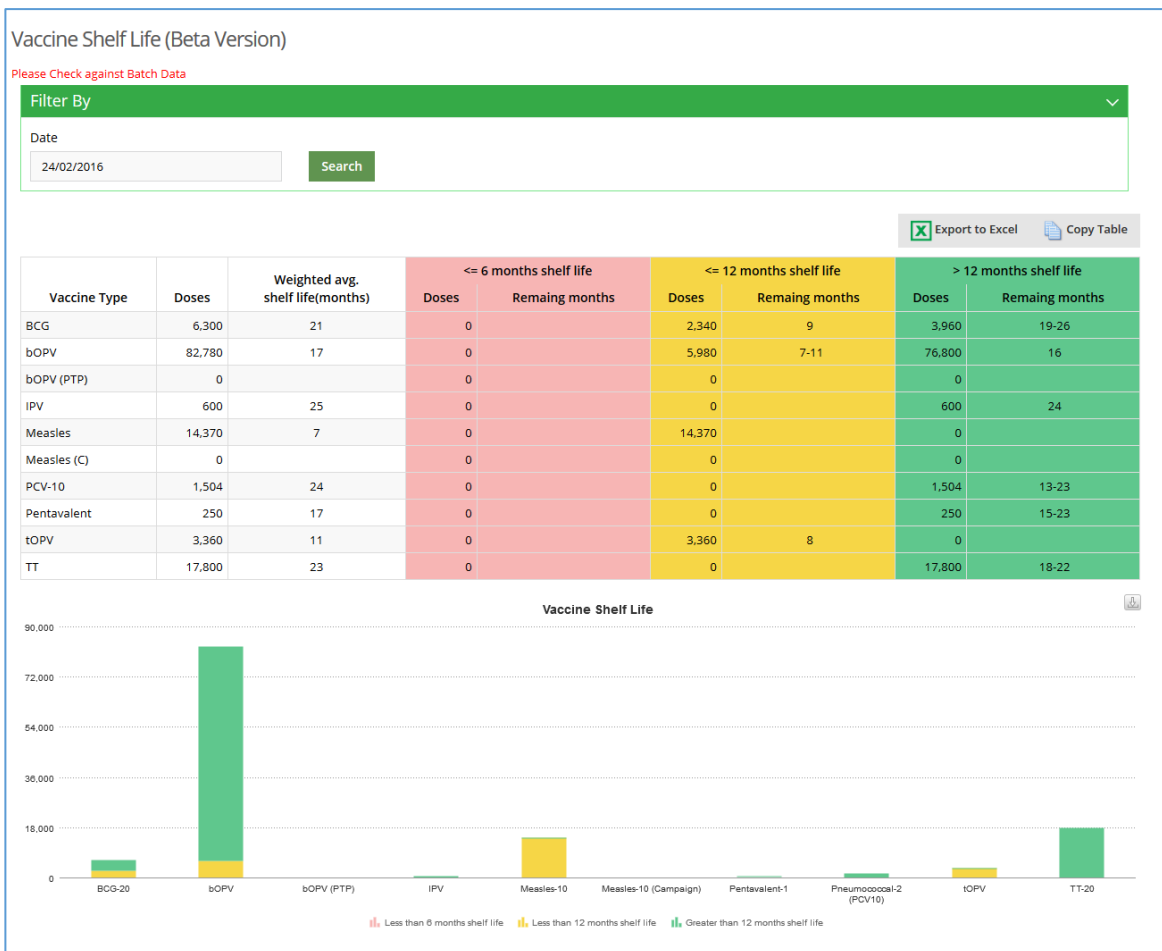
This reports displays batches shelf life for different time periods i.e. 6 months, 12 months above 12 months.

Batch Shelf Life Report: Filters

Following are the batch shelf life report filters.

- **Date:** Select date by clicking date tool picker.

Click **Search** to generate report.



Inventory Status Report

This reports helps the store keeper to know about the vouchers that have been received, no received (pending) and issued to down level stores.

Inventory Status Report: Filters

Following are the Inventory Status report filters.



- **Ending Month:** displays list of months.
- **Year:** Displays list of years.
- **Store:** Displays list of stores.
- **Province/Region:** displays list of province/regions list.

Click **GO** button to generate report.

IM Status Report April 2016

Filter by

Ending Month: Apr Year: 2016 Store: District Province/Region: Punjab District: Multan **Go**

Store	Jan-16			Feb-16			Mar-16			Apr-16		
	Receive	Issue	Pending	Receive	Issue	Pending	Receive	Issue	Pending	Receive	Issue	Pending
District Multan Store	6	8	0	0	6	3	0	0	0	0	0	0

Stock Ledger Report

User can view any product complete list of transactions (Opening balance, receive, issue and adjustments) by using Stock Ledger report.

Stock Ledger Report: Filters

Following are the list of filters of Stock Ledger report.

- **Product:** displays list of products.
- **From Date:** Select starting date for stock ledger report.
- **To Date:** Select ending date for stock ledger report.

Click **Submit** button to generate report.

Stock Ledger

Search Filters

Product: IPV From Date: 01/01/2016 To Date: 24/02/2016 **Submit**

[Export to Excel](#) [Copy Table](#)

S.No	Date	Voucher Number	Type	Particulars (IPV)	Batch No.	Expiry	Quantity		Batch Balance		Product Balance	
							Vials Receive	Vials Issue	Doses	Vials	Doses	Vials
1	01/01/2016			Opening Balance (L7059-1)	L7059-1				200	20		
2	01/01/2016			Opening Balance (IPV)							200	20
3	09/01/2016	I16010001	Issue	To Tando Bago	L7059-1	31/01/2017		10	100	10	100	10
4	18/01/2016	I16010005	Issue	To Tando Bago	L7059-1	31/01/2017		10	0	0	0	0
5	25/01/2016	R16010003	Receive	From Divisional Hyderabad Store	M1100-2	28/02/2018	200		2,000	200	2,000	200
6	25/01/2016	I16010014	Issue	To Matli	M1100-2	28/02/2018		40	1,600	160	1,600	160
7	25/01/2016	I16010015	Issue	To Talhar	M1100-2	28/02/2018		20	1,400	140	1,400	140
8	26/01/2016	I16010016	Issue	To Badin Taluka Store	M1100-2	28/02/2018		40	1,000	100	1,000	100
9	28/01/2016	I16010017	Issue	To Tando Bago	M1100-2	28/02/2018		40	600	60	600	60
10	24/02/2016			Closing Balance (M1100-2)	M1100-2				600	60		
11	24/02/2016			Closing Balance							600	60

Consumptions Reports

Vaccines Coverage Report

Vaccine coverage report determines the annualized coverage of the vaccines.

Vaccines Coverage Report: Filters

Following are the vaccines coverage report filters.

- Select Year, Province/Region, District filters.
- **Year:** displays list of year.
- **Province/Region:** displays list of province/regions.
- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

Annualized Vaccines Coverage Report 2015

Note: This report is under user testing.

Filter by

Year: 2015 Province/Region: Punjab District: Bahawalpur



Annualized Vaccines Coverage Report 2015 For 'District: Bahawalpur'																		
Vaccine	Annual Target	Monthly Target	Jan-15		Feb-15		Mar-15		Apr-15		May-15		Jun-15		Jul-15		Aug-15	
			Vaccination		Vaccination		Vaccination		Vaccination		Vaccination		Vaccination		Vaccination		Vaccination	
BCG-20	112,337	9,361	761	8 %	11	0 %	13,483	144 %	12,292	131 %	10,522	112 %	10,434	111 %	9,799	105 %	10,115	108
bOPV	449,346	37,446	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0
DIL-BCG-20	112,337	9,361	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0
DIL-Measles-10	224,673	18,723	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0
IPV	449,346	37,446	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	2,821	8 %	7,734	21
Measles-10	224,673	18,723	18,706	100 %	18,298	98 %	19,189	102 %	19,304	103 %	19,529	104 %	19,385	104 %	17,587	94 %	16,995	91
Pentavalent-1	337,010	28,084	28,079	100 %	27,856	99 %	28,690	102 %	28,499	101 %	28,006	100 %	27,636	98 %	25,912	92 %	25,186	90
Pneumococcal-2 (PCV1)	337,010	28,084	28,092	100 %	27,970	100 %	28,776	102 %	28,612	102 %	28,107	100 %	27,606	98 %	26,008	93 %	24,890	88
IPDV	449,346	37,446	36,314	97 %	37,360	100 %	38,350	102 %	37,823	101 %	36,874	98 %	36,361	97 %	35,066	94 %	34,521	92
TT-1	112,337	9,361	9	0 %	0	0 %	0	0 %	28	0 %	0	0 %	0	0 %	0	0 %	630	7
TT-10	820,711	51,726	0	0 %	58	0 %	0	0 %	9	0 %	0	0 %	0	0 %	0	0 %	0	0
TT-20	820,711	51,726	15,742	30 %	17,237	33 %	18,689	36 %	18,657	36 %	19,282	37 %	18,514	36 %	18,265	35 %	17,427	34
Total	4,049,837	337,487	127,703	38 %	128,790	38 %	147,177	44 %	145,224	43 %	142,320	42 %	139,936	41 %	135,558	40 %	137,498	4

Annualized Coverage Rate = (((Total Consumption/ Annual Target)/Total Months) * 12)*100

Provincial Vaccine Coverage Report

This report determines the provincially vaccine coverage status.

Provincial Vaccine Coverage Report: Filters

Following are the filters of **Provincial Vaccine Coverage** report.

- **Year:** displays list of years.
- **Product:** displays list of vaccines.
- **Office:** displays list of levels.
- **Province/Region:** displays list of province/regions list.

Click **GO** to generate report.

Annualized Vaccines Coverage Report 2015

Note: This report is under user testing.

Filter by

Year: 2015 Product: tOPV Office: Provincial Province/Region: Punjab Go

Annualized Vaccines Coverage Report 2015 For 'Province: Punjab' of 'tOPV'

District	Annual Target	Monthly Target	Jan-15		Feb-15		Mar-15		Apr-15		May-15		Jun-15		Jul-15		Aug-15	
			Vaccination	%	Vaccination	%	Vaccination	%	Vaccination	%	Vaccination	%	Vaccination	%	Vaccination	%	Vaccination	%
Bahawalpur	449,346	37,446	36,314	97 %	37,360	100 %	38,350	102 %	37,823	101 %	36,874	98 %	36,361	97 %	35,066	94 %	34,521	92
Dera Ghazi Khan	311,679	25,973	22,543	87 %	20,596	79 %	24,814	96 %	21,518	83 %	23,403	90 %	22,532	87 %	24,610	95 %	23,999	90
Faisalabad	938,185	78,182	68,775	88 %	65,418	84 %	71,378	91 %	70,788	91 %	62,087	79 %	56,124	72 %	53,334	68 %	54,834	70
Gujranwala	611,478	50,956	53,137	104 %	48,493	95 %	51,392	101 %	51,560	101 %	47,454	93 %	43,543	85 %	42,517	83 %	47,484	93
Lahore	1,219,637	101,636	96,077	95 %	91,797	90 %	93,168	92 %	94,430	93 %	90,684	89 %	79,370	78 %	73,270	72 %	88,297	87
Manwali	179,186	14,932	15,127	101 %	13,282	89 %	50,055	335 %	15,119	101 %	11,024	74 %	10,250	69 %	10,361	69 %	10,955	73
Multan	552,603	46,050	54,313	118 %	44,978	98 %	49,001	106 %	48,727	106 %	45,475	99 %	47,458	103 %	45,160	98 %	47,320	103
Muzaffargarh	504,078	42,007	38,696	92 %	40,690	97 %	44,531	106 %	41,604	99 %	35,347	84 %	40,602	97 %	38,643	92 %	48,564	116
Rahim Yar Khan	587,586	48,964	76,939	157 %	65,398	134 %	47,585	97 %	57,544	118 %	47,187	96 %	80,776	165 %	75,677	155 %	87,426	179
Rajanpur	208,372	17,364	16,883	97 %	14,510	84 %	18,206	105 %	17,976	104 %	15,872	91 %	16,126	93 %	16,618	96 %	17,824	103
Rawalpindi	597,801	49,817	46,682	94 %	38,815	78 %	46,638	94 %	46,380	93 %	46,728	94 %	44,780	90 %	45,244	91 %	47,842	96
Sahiwal	305,683	25,474	26,011	102 %	25,209	99 %	62,169	244 %	25,208	99 %	24,958	98 %	24,494	96 %	24,301	95 %	25,987	102
Sargodha	432,370	36,031	34,951	97 %	34,471	96 %	35,727	99 %	35,005	97 %	33,678	93 %	33,486	93 %	33,072	92 %	34,341	95
Total	6,897,984	574,832	586,448	102%	541,017	94%	632,994	110%	563,682	98%	520,851	91%	535,902	93%	517,873	90%	568,794	9

Annualized Coverage Rate = (((Total Consumption/ Annual Target)/Total Months) * 12)*100

Vaccine Stock Status and Wastage Report

This report determines the vaccine stock status and wastages details against selected filters.

Vaccine Stock Status and Wastage Report: Filters

Following are the filters of Vaccine Stock Status and Wastage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.
- **Office:** displays list of levels.
- **Province/Region:** displays list of province and region.
- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

Vaccine Stock Status Uc Wise December

Note: This report is under user testing.

Filter by

From Month: To Month: Year: Product: Office: Province/Region: District:



Vaccine Stock Status Uc Wise at District: Badin for (December-2015) to (December-2015) (Doses)							
Tehsil	UC	Opening Balance	Received	Consumption	Closing Balance	Wastage Doses	Wastage Rate (%)
Badin	Abdullah Shah	20	200	133	20	67	33.5
Badin	Badin-I	160	60	68	140	12	15.0
Badin	Badin-II	240	400	485	40	115	26.7
Badin	Badin-III	100	660	343	113	304	47.0
Badin	Kadhan	240	300	212	300	28	11.7
Badin	Kadi Qazia	20	100	47	60	13	10.7
Badin	Luwari Sharif	30	140	147	20	3	2.0
Badin	M K Bhurgri	80	300	273	80	27	9.0
Badin	Mithi	40	120	101	20	39	27.9
Badin	Nindo	80	800	312	540	28	8.2
Badin	Seerani	0	140	90	50	0	0.0
Golarchi	Ahmed Rajo	100	20	80	20	20	20.0
Golarchi	Dubhi	200	0	70	80	50	41.7
Golarchi	Gharo	20	160	117	40	23	16.4
Golarchi	Golarchi	120	420	517	0	23	4.3
Golarchi	Kario Ghanwar	100	200	37	240	23	38.3

Wastage Rate = (Total Wastages / (Total Consumption + Total Wastages)) * 100

Vaccine Dropout Rate Report

This report determines the details of the vaccine dropout rate.

Vaccine Dropout Rate Report: Filters

Following are the filters of Vaccine Stock Status and Wastage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.
- **Office:** displays list of levels.
- **Province/Region:** displays list of province and region.
- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

Vaccine Dropout Rate (0-11 months) at December

Note: This report is under user testing.

Filter by

From Month: Dec To Month: Dec Year: 2015 Office: District Province/Region: Sindh District: Badin **Go**

Vaccine Dropout Rate (0-11 months) at at District: Badin' for (December-2015) to (December-2015) (Doses)							
Tehsil	UC Name	Total Coverage Penta I	Total Coverage Penta III	Penta Dropout Rate	Total Coverage BCG	Total Coverage Measles I	Dropout Rate BCG to Measles
Badin	Abdullah Shah	0	0	0	0	0	0
Badin	Badin-I	20	13	35	26	2	92.31
Badin	Badin-II	40	28	30	44	20	54.55
Badin	Badin-III	10	3	70	8	2	75
Badin	Kadhan	4	2	50	0	0	0
Badin	Kadi Qazia	0	0	0	0	0	0
Badin	Luwari Sharif	2	1	50	0	0	0
Badin	M K Bhurgri	6	2	66.67	1	3	-200
Badin	Mithi	6	65	-983.33	21	38	-80.95
Badin	Nindo	5	2	60	2	1	50
Badin	Seerani	2	1	50	1	0	100
Golarchi	Ahmed Rajo	18	38	-111.11	17	22	-29.41
Golarchi	Dubhi	0	0	0	1	0	100
Golarchi	Gharo	29	51	-75.86	14	44	-214.29
Golarchi	Golarchi	65	35	46.15	59	20	66.1
Golarchi	Kano Ghanwar	6	6	0	5	1	80

Dropout Rate = ((Penta I - Penta III)/Penta I)*100

Coverage Reports

BCG Coverage Report

This report determines the coverage of BCG vaccine against selected filters.

BCG Coverage Report: Filters

Following are the filters of BCG Coverage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.
- **Office:** displays list of levels.
- **Province/Region:** displays list of province and region.
- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

BCG Vaccine Coverage Detail Report

Note: This report is under user testing. Please check and provide feedback at support@imis.gov.pk

Filter by

From Month: To Month: Year: Office: Province/Region: District:

'BCG Vaccine Coverage Detail Report at District: Badin' for (October-2015) to (December-2015) (Doses)												
Sr.No.	Tehsil/Taluka	UC	Live Birth Target	Inside		Referral		Outreach		Total		Coverage(%)
				M	F	M	F	M	F	BCG	BCG	
1	Badin	Abdullah Shah	317	0	0	3	0	0	0	3	1	
2	Badin	Badin-I	278	6	6	5	4	26	26	73	26	
3	Badin	Badin-II	309	51	48	0	0	55	62	216	70	
4	Badin	Badin-III	350	12	13	0	0	25	28	78	22	
5	Badin	Kadhan	360	2	2	1	0	25	27	57	16	
6	Badin	Kadi Qazia	358	0	0	0	0	16	18	34	9	
7	Badin	Luwari Sharif	281	0	0	1	0	37	57	95	34	
8	Badin	M K Bhurgri	392	0	0	3	1	0	0	4	1	
9	Badin	Mthi	340	0	0	4	3	16	19	42	12	
10	Badin	Nindo	317	0	1	1	0	29	33	64	20	
11	Badin	Seerani	448	3	1	0	0	23	23	50	11	
12	Golarchi	Ahmed Rajo	468	0	0	7	1	24	31	63	13	
13	Golarchi	Dubhi	363	0	0	2	0	1	3	6	2	
14	Golarchi	Gharo	172	0	0	2	0	24	21	47	27	
15	Golarchi	Golarchi	3465	99	96	1	0	17	30	243	7	
16	Golarchi	Kario Ghanwar	248	36	21	4	2	7	4	74	30	
17	Golarchi	Khorwah	463	49	30	10	10	31	18	148	32	
18	Golarchi	Rahuki	350	7	5	6	2	21	16	57	16	
19	Golarchi	Tarai	437	1	1	7	3	57	49	118	27	
20	Mati	Bh. Qambrani	360	0	0	16	9	243	251	519	144	
21	Mati	Dumbalo	363	3	11	9	10	118	120	271	75	
22	Mati	G Shah Legh	291	0	0	6	7	23	22	58	20	

PCV Coverage Report

This report determines the PCV 10 vaccine coverage status against selected filters.

PCV Coverage Report: Filters

Following are the filters of PCV Coverage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.
- **Office:** displays list of levels.
- **Province/Region:** displays list of province and region.
- **District:** displays list of districts of selected province or region.



Click **GO** button to generate report.

PCV Vaccine Coverage Detail Report

Note: This report is under user testing. Please check and provide feedback at support@lmis.gov.pk

Filter by

From Month: To Month: Year: Office: Province/Region: District:

Sr.No.	Tehsil/Taluka	UC	Live Birth Target	Coverage PCV-1(0-11 Months)						Coverage PCV-2(0-11 Months)									
				Inside		Referral		Outreach		Total	Coverage(%)	Inside		Referral		Outreach		Total	Coverage(%)
				M	F	M	F	M	F	PCV-1	PCV-1	M	F	M	F	M	F	PCV-2	PCV-2
1	Badin	Abdulah Shah	293	2	2	0	0	49	53	106	36	0	1	0	0	44	49	94	
2	Badin	Badin-I	257	9	9	0	0	18	27	63	25	4	5	0	0	25	17	51	
3	Badin	Badin-II	285	64	57	0	0	78	81	280	98	49	53	0	0	67	68	237	
4	Badin	Badin-III	323	20	20	0	0	50	54	144	45	14	17	0	0	65	73	169	
5	Badin	Kadhan	332	6	6	0	0	60	70	142	43	3	5	0	0	56	59	123	
6	Badin	Kadi Qazia	330	0	0	0	0	16	18	34	10	0	0	0	0	20	22	42	
7	Badin	Luwari Sharif	259	5	4	0	0	48	49	106	41	5	6	0	0	53	56	120	
8	Badin	M K Bhurgri	362	9	9	0	0	58	67	143	40	7	8	0	0	67	69	151	
9	Badin	Mithi	314	0	0	0	0	26	21	47	15	0	0	0	0	59	50	109	
10	Badin	Nindo	293	5	1	0	0	84	87	177	60	6	1	0	0	93	96	196	
11	Badin	Seerani	414	2	2	0	0	34	35	73	18	1	0	0	0	19	21	41	
12	Golarchi	Ahmed Rajo	432	0	1	0	0	34	41	76	18	1	0	0	0	50	30	81	
13	Golarchi	Dubhi	335	0	0	0	0	6	12	18	5	0	0	0	0	18	28	46	
14	Golarchi	Qharo	159	0	1	0	0	46	42	89	56	1	1	0	0	74	51	127	
15	Golarchi	Golarchi	3198	105	80	0	0	68	52	305	10	83	63	0	0	50	58	254	
16	Golarchi	Karib Ghanwar	229	37	25	0	0	11	17	90	39	17	15	0	0	12	15	59	
17	Golarchi	Khorwah	427	54	33	0	0	36	34	157	37	34	21	0	0	42	44	141	
18	Golarchi	Rahuki	323	24	16	0	0	65	56	161	50	22	24	0	0	72	64	182	
19	Golarchi	Tarai	403	3	0	0	0	56	40	99	25	1	1	0	0	76	69	147	
20	Mati	Bh. Qambrani	332	0	0	3	6	219	206	425	128	0	0	0	0	152	141	293	
21	Mati	Dumbhal	335	15	16	2	3	178	135	294	88	12	5	0	0	136	144	297	

Pentavalent Coverage Report

This report determines **Pentavalent** vaccine coverage status against selected filters.

Pentavalent Coverage Report: Filters

Following are the filters of Pentavalent Coverage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.
- **Office:** displays list of levels.
- **Province/Region:** displays list of province and region.

- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

Pentavalent Vaccine Coverage Detail Report

Note: This report is under user testing. Please check and provide feedback at support@lmis.gov.pk

Filter by

From Month: Oct To Month: Dec Year: 2015 Office: District Province/Region: Sindh District: Badin Go

Sr.No.	Tehsil/Taluka	UC	less than 1 year	Coverage Penta-1(0-11 Months)						Coverage Penta-2(0-11 Months)									
				Inside		Referral		Outreach		Total	Coverage(%)	Inside		Referral		Outreach		Total	Coverage(%)
				M	F	M	F	M	F	Penta-1	Penta-1	M	F	M	F	M	F	Penta-2	Penta-2
1	Badin	Abdullah Shah	293	1	2	0	0	49	53	105	36	1	1	0	0	44	49	95	
2	Badin	Badin-I	257	9	9	0	0	18	27	63	25	4	5	0	0	25	17	51	
3	Badin	Badin-II	285	64	57	0	0	78	81	280	98	49	53	0	0	67	68	237	
4	Badin	Badin-III	323	20	20	0	0	50	54	144	45	14	17	0	0	65	73	169	
5	Badin	Kadhan	332	6	6	0	0	60	70	142	43	3	5	0	0	56	59	123	
6	Badin	Kadi Qazia	330	0	0	0	0	16	18	34	10	0	0	0	0	20	22	42	
7	Badin	Luwari Sharif	259	5	5	0	0	48	49	107	41	5	5	0	0	53	56	119	
8	Badin	M K Bhurgri	362	9	9	0	0	58	67	143	40	7	8	0	0	67	69	151	
9	Badin	Mithi	314	0	0	0	0	26	21	47	15	0	0	0	0	59	50	109	
10	Badin	Nindo	293	5	1	0	0	84	87	177	60	6	1	0	0	93	96	196	
11	Badin	Seerani	414	2	2	0	0	34	35	73	18	1	0	0	0	19	21	41	
12	Golarchi	Ahmed Rajo	432	0	1	0	0	34	41	76	18	1	0	0	0	50	30	81	
13	Golarchi	Dubhi	335	0	0	0	0	6	12	18	5	0	0	0	0	18	28	46	

tOPV Coverage Report

This report determines tOPV vaccine coverage status against selected filters.

tOPV Coverage Report: Filters

Following are the filters of tOPV Coverage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.
- **Office:** displays list of levels.
- **Province/Region:** displays list of province and region.

- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

tOPV Vaccine Coverage Detail Report

Note: This report is under user testing. Please check and provide feedback at support@imis.gov.pk

Filter by

From Month: Oct To Month: Dec Year: 2015 Office: District Province/Region: Sindh District: Badin Go

Sr.No.	Tehsil/Taluka	UC	Live Birth Target	Coverage tOPV-0						less than 1 year	Coverage tOPV-1(0-11 Months)							
				Inside		Referral		Outreach			Total	Coverage(%)	Inside		Referral		Outreach	
				M	F	M	F	M	F		tOPV-0	tOPV-0	M	F	M	F	M	F
1	Badin	Abdullah Shah	293	0	1	0	0	27	29	57	19	317	2	2	0	0	49	53
2	Badin	Badin-I	257	4	6	0	0	16	17	43	17	278	9	9	0	0	18	27
3	Badin	Badin-II	285	44	42	0	0	35	42	163	57	309	64	57	0	0	78	81
4	Badin	Badin-III	323	10	10	0	0	21	23	64	20	350	20	20	0	0	50	54
5	Badin	Kadhan	332	12	15	0	0	25	29	81	24	360	6	6	0	0	60	70
6	Badin	Kadi Qazia	330	0	0	0	0	2	3	5	2	358	0	0	0	0	16	18
7	Badin	Luwari Sharif	259	0	0	0	0	32	45	77	30	281	5	5	0	0	48	49
8	Badin	M K Bhurgri	362	2	3	0	0	28	30	63	17	392	9	9	0	0	58	67
9	Badin	Mithi	314	0	0	0	0	14	22	36	11	340	0	0	0	0	26	21
10	Badin	Nindo	293	0	1	0	0	39	34	74	25	317	5	1	0	0	84	86
11	Badin	Seerani	414	3	0	0	0	6	9	18	4	448	3	2	0	0	34	35
12	Golarchi	Ahmed Rapo	432	0	0	0	0	1	9	10	2	468	0	1	0	0	34	41
13	Golarchi	Dubhi	335	0	0	0	0	0	1	1	0	363	0	0	0	0	6	12
14	Golarchi	Gharo	159	0	0	0	0	24	14	38	24	172	0	1	0	0	46	42
15	Golarchi	Golarchi	3198	91	89	0	0	17	30	227	7	3465	105	80	0	0	68	52
16	Golarchi	Karo Ghanwar	229	20	15	0	0	3	3	41	18	248	37	25	0	0	11	17
17	Golarchi	Khorwah	427	34	16	0	0	12	4	66	15	463	54	33	0	0	36	34
18	Golarchi	Rahuki	323	5	3	0	0	14	11	33	10	350	24	16	0	0	65	56
19	Golarchi	Tarai	403	3	2	0	0	39	29	73	18	437	3	0	0	0	56	40
20	Mati	Bh. Gambhani	332	0	0	0	0	92	108	200	60	360	0	0	3	6	219	206
21	Mati	Dumbhal	335	3	11	0	0	74	70	148	47	363	15	16	2	3	128	134

Measles Coverage Report

This report determines Measles vaccine coverage status against selected filters.

Measles Coverage Report: Filters

Following are the filters of Measles Coverage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.
- **Office:** displays list of levels.

- **Province/Region:** displays list of province and region.
- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

Measles Vaccine Coverage Detail Report

Note: This report is under user testing Please check and provide feedback at support@imis.gov.pk

Filter by

From Month: To Month: Year: Office: Province/Region: District:

Sr.No.	Tehsil/Taluka	UC	Live Birth Target	Coverage Measles-1						Measles-2 Target	Coverage Measles-2								
				Inside		Referral		Outreach			Total	Coverage(%)	Inside		Referral		Outreach		Total
				M	F	M	F	M	F		Measles-1	Measles-1	M	F	M	F	M	F	Measles-2
1	Badin	Abdullah Shah	293	0	0	0	0	56	61	117	40	296	0	0	0	0	20	23	
2	Badin	Badin-I	257	5	5	3	3	14	15	45	18	259	3	1	4	0	8	12	
3	Badin	Badin-II	285	36	37	0	0	59	62	194	68	288	27	25	0	0	38	42	
4	Badin	Badin-III	323	6	3	3	2	78	84	176	54	326	2	1	0	2	10	0	
5	Badin	Kadhan	332	3	1	0	0	60	67	131	39	336	0	0	0	0	43	49	
6	Badin	Kadi Gazia	330	0	0	0	0	14	17	31	9	334	0	0	0	0	7	7	
7	Badin	Luwari Sharif	259	5	0	0	0	37	48	90	35	262	1	0	0	0	34	28	
8	Badin	M K Bhurgri	362	2	2	2	6	66	67	145	40	365	1	1	2	2	57	61	
9	Badin	Mithi	314	0	0	0	0	37	41	78	25	318	0	0	0	0	35	37	
10	Badin	Nindo	293	2	2	0	0	71	78	153	52	296	79	77	0	0	22	31	
11	Badin	Seerani	414	0	0	0	0	20	20	40	10	418	0	1	0	0	9	10	
12	Golarchi	Ahmed Rajp	432	0	0	0	0	47	23	70	16	437	16	0	0	0	266	254	
13	Golarchi	Dubhi	335	0	0	1	2	28	36	67	20	339	9	0	0	2	294	2	
14	Golarchi	Gharo	159	0	0	0	1	55	58	114	72	161	0	0	0	0	190	196	
15	Golarchi	Golarchi	3198	44	33	0	0	49	55	181	6	3232	16	14	0	0	134	126	
16	Golarchi	Kario Ghanwar	229	11	15	1	0	15	24	86	29	231	4	15	4	0	52	42	
17	Golarchi	Khorwah	427	35	27	0	2	32	65	161	38	432	88	52	2	0	524	281	
18	Golarchi	Rahuki	323	35	20	0	0	76	71	202	63	326	9	7	0	0	235	243	
19	Golarchi	Tarai	403	13	1	0	0	80	71	165	41	408	0	12	0	0	438	0	
20	Matti	Bh. Qambrani	332	0	0	0	2	174	150	326	98	336	17	18	2	0	104	98	
21	Matti	Dumhale	335	1	0	1	2	128	136	268	80	338	5	7	7	7	161	122	

TT Coverage Report

This report determines TT coverage status against selected filters.

TT Coverage Report: Filters

Following are the filters of TT Vaccine Coverage report.

- **From Month:** displays list of month, user can select starting month for report.
- **To Month:** displays list of month, user can select end month for report.
- **Year:** displays list of years.
- **Product:** displays list of products.

- **Office:** displays list of levels.
- **Province/Region:** displays list of province and region.
- **District:** displays list of districts of selected province or region.

Click **GO** button to generate report.

TT Vaccine Coverage Detail Report

Note: This report is under user testing. Please check and provide feedback at support@lmis.gov.pk

Filter by


From Month: Oct To Month: Dec Year: 2015 Office: District Province/Region: Sindh District: Badin **Go**

TT Vaccine Coverage Detail Report at District: Badin' for (October-2015) to (December-2015) (Doses)

Sr.No.	Tehsil/Taluka	UC	TT Target	Coverage TT-1		Coverage TT-2		Coverage TT-3		Coverage TT-4	
				TT-1	Coverage(%)	TT-1	Coverage(%)	TT-1	Coverage(%)	TT-1	Coverage(%)
1	Badin	Abdullah Shah	323	41	13	23	7	0	0	0	0
2	Badin	Badin-I	284	13	5	3	1	0	0	0	0
3	Badin	Badin-II	315	230	73	116	37	4	1	0	0
4	Badin	Badin-III	357	56	16	25	7	1	0	0	0
5	Badin	Kadhan	367	67	18	58	16	1	0	0	0
6	Badin	Kadi Gazia	365	7	2	0	0	2	1	0	0
7	Badin	Luwari Sharif	287	60	21	30	10	5	2	0	0
8	Badin	M K Bhurgri	400	54	14	47	12	0	0	0	0
9	Badin	Mithi	347	2	1	38	11	11	3	0	0
10	Badin	Nindo	323	63	20	68	21	28	9	1	0
11	Badin	Seerani	457	40	9	60	13	0	0	0	0
12	Golarchi	Ahmed Rajo	478	10	2	8	2	0	0	0	0
13	Golarchi	Dubhi	371	1	0	0	0	0	0	0	0
14	Golarchi	Gharo	176	4	2	10	6	0	0	0	0
15	Golarchi	Golarchi	3534	142	4	78	2	0	0	0	0
16	Golarchi	Kario Ghanwar	253	70	28	40	16	3	1	1	0
17	Golarchi	Khorwah	472	54	11	20	4	0	0	0	0
18	Golarchi	Rahuki	357	44	12	18	5	0	0	0	0
19	Golarchi	Tarai	446	23	5	7	2	0	0	0	0
20	Mati	Bh. Qambrani	367	38	10	31	8	0	0	0	0
21	Mati	Dumbalo	370	5	1	2	1	0	0	0	0
22	Mati	Shah Loah	207	22	7	20	10	0	0	0	0

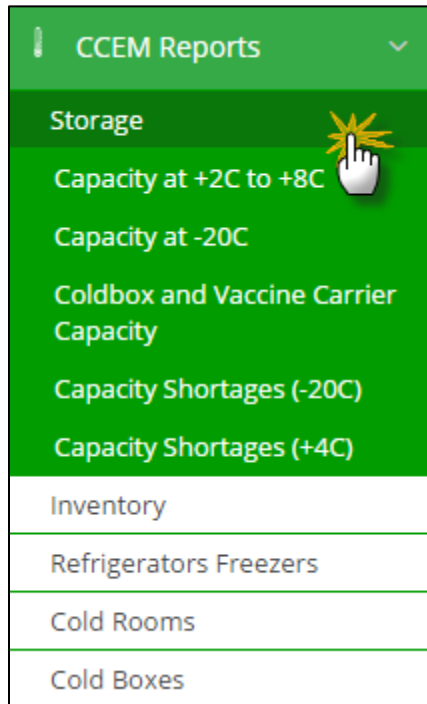
CCEM Reports

The CCEM Reports section provides a list of frequently used reports that are generated quickly at the central level to help national cold chain managers to analyze the cold chain equipment. All CCEM reports can be found in the main menu which can be generated for a regional subset or a select health facility type.

CCEM Reports 
Storage
Inventory
Refrigerators Freezers
Cold Rooms
Cold Boxes

Storage

The storage menu can be viewed by selecting the “Storage” tab in the sub-menu. The drop down menu will be displayed as follows:



Capacity at +2c to +8c

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Vaccine storage capacity at +2c to +8c against requirements

Facility Type: Provincial Vaccine Store | Province*: Punjab | Search

Use Filter options to filter data in the table below

This report provides information about the vaccine storage capacity (+2C to +8C) against requirements at three different levels i.e. National, Provincial and District. It displays actual storage capacity, required storage capacity, difference of actual and required capacity, capacity surplus more than 30%, capacity surplus between 10% - 30%, capacity shortage more than 30%, capacity shortage between 10% - 30% and if the difference of capacity is within the range of -10% to +10%.

Vaccine storage capacity at +2c to +8c against requirements											
Province	District	Facility Name	Facility Type	Actual Capacity (Ltr)	Required Capacity (Ltr)	Difference (Ltr)	Surplus > 30%	Surplus 10-30%	Match +/- 10%	Shortage 10-30%	Shortage >30%
Punjab	Lahore	Punjab EPI Store	Provincial Vaccine Store	30270.00	43037.51	-12767.51	0	0	0	1	0

Capacity at -20c

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Vaccine storage capacity at -20c against requirements ▼

Facility Type Province *

Search

This report provides information about the vaccine storage capacity (-20C) against requirements at three different levels i.e. National, Provincial and District. It displays actual storage capacity, required storage capacity, difference of actual and required capacity, capacity surplus more than 30%, capacity surplus between 10% - 30%, capacity shortage more than 30%, capacity shortage between 10% - 30% and if the difference of capacity is within the range of -10% to +10%.

Vaccine storage capacity at -20c against requirements											
Province	District	Facility Name	Facility Type	Actual Capacity (Ltr)	Required Capacity (Ltr)	Difference (Ltr)	Surplus > 30%	Surplus 10-30%	Match +/- 10%	Shortage 10-30%	Shortage >30%
Punjab	Lahore	Punjab EPI Store	Provincial Vaccine Store	15480.00	56.38	15423.62	1	0	0	0	0

Capacity Shortages (-20C)

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District


Click **Search**.

CCEM Reports

Capacity Shortages -20c by area

Facility Type: Office: Province *: District *:

This report provides information about the storage capacity shortages (-20C) at three different levels i.e. National, Provincial and District. It displays actual storage capacity, required storage capacity, difference of actual and required capacity, capacity surplus more than 30%, capacity surplus between 10% - 30%, capacity shortage more than 30%, capacity shortage between 10% - 30% and if the difference of capacity is within the range of -10% to +10%.



Capacity Shortages -20c by area										
Province	District	Facility Type	Net Storage (Ltr) Actual	Net Storage (Ltr) Required	Net Storage (Ltr) Difference	Surplus > 30%	Surplus 10-30%	Match +/- 10%	Shortage 10-30%	Shortage >30%
Punjab	Faisalabad	District/Agency Vaccine Store	100.00	0.00	100.00	0	0	0	0	0

Use Filter options to filter data in the table below

Capacity Shortages (+4C)

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click Search.

CCEM Reports

Capacity shortages 4c by area

Facility Type

Office

Search

This report provides information about the storage capacity shortages (+4C) at three different levels i.e. National, Provincial and District. It displays actual storage capacity, required storage capacity, difference of actual and required capacity, capacity surplus more than 30%, capacity surplus between 10% - 30%, capacity shortage more than 30%, capacity shortage between 10% - 30% and if the difference of capacity is within the range of -10% to +10%.

Capacity shortages 4c by area										
Province	District	Facility Type	Net Storage (Ltr) Actual	Net Storage (Ltr) Required	Net Storage (Ltr) Difference	Surplus > 30%	Surplus 10-30%	Match +/- 10%	Shortage 10-30%	Shortage >30%
Punjab	Attock	District/Agency Vaccine Store	20.00	0.00	20.00	0	0	0	0	0
Punjab	Bahawalnagar	District/Agency Vaccine Store	20.00	0.00	20.00	0	0	0	0	0
Punjab	Bahawalpur	District/Agency Vaccine Store	5000.00	0.00	5000.00	0	0	0	0	0
Punjab	Bhakkar	District/Agency Vaccine Store	20.00	0.00	20.00	0	0	0	0	0
Punjab	Chakwal	District/Agency Vaccine Store	20.00	0.00	20.00	0	0	0	0	0
Punjab	Chiniot	District/Agency Vaccine Store	20.00	0.00	20.00	0	0	0	0	0

Cold-box and Vaccine Carrier Capacity

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Coldbox And Vaccine Carrier Capacity By Facility

Facility Type: District/Agency Vaccine Store | Office: District | Province *: Punjab | District *: Lahore | **Search**

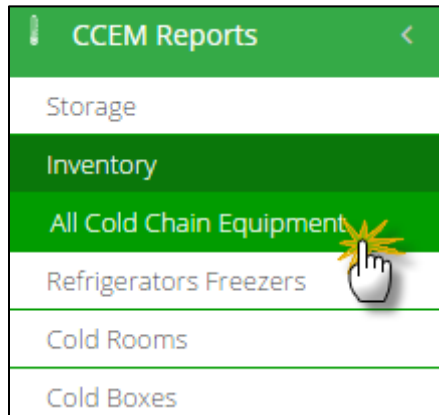
Use Filter options to filter data in the table below

This report provides information about the coldbox and vaccine carrier capacity of facilities at three different levels i.e. National, Provincial and District. It displays net storage capacity, quantity of coldboxes and vaccine carriers in working and non-working condition.

Coldbox And Vaccine Carrier Capacity By Facility						
Province	Distirct	Facility Name	Facility Type	Net Storage	Quantity Present	Quantity Not Working
Punjab	Lahore	District Lahore Store	District/Agency Vaccine Store	27.0	11	0

Inventory

The inventory menu can be viewed by selecting the “Inventory” tab in the sub-menu. The drop down menu will be displayed as follows:



All Cold Chain Equipment

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Inventory List of All Cold Chain Equipment By Facility

Level: National Province: Punjab Store: Punjab EPI Store

Search

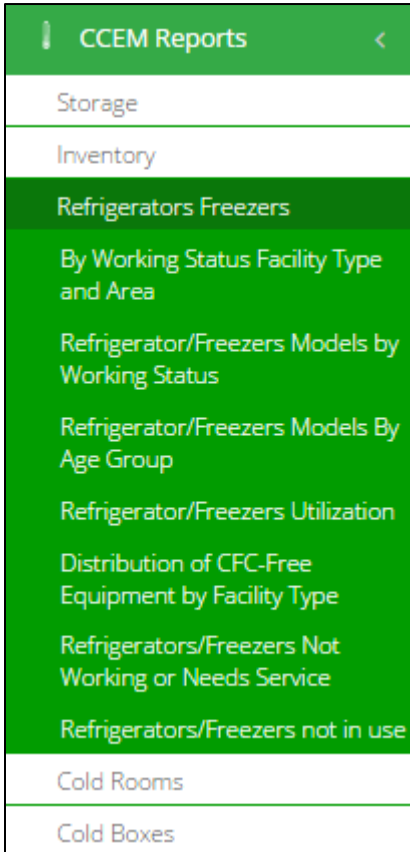
Use Filter options to filter data in the table below

This report provides information about the inventory of cold chain equipment of stores / facilities at five different levels i.e. National, Provincial, District, Tehsil/Taluka and Union Council. It displays detail about each item in the inventory.

Cold Rooms										
Store	Model Name	Manufacture Name	Serial Number	Refrigerant Gas Type	Cooling System	Net Volume +2/+8C	Net Volume -20C	Year of Supply	Source of Supply	Working Status
Punjab EPI Store	POV90L	Porkka		R12	Provided, operating	0	7740	1991	EPI Program	Working well
Punjab EPI Store	POV90L	Porkka		R12	Provided, operating	0	7740	1991	EPI Program	Working well
Punjab EPI Store	Local Made	Local		R404a	Provided, operating	7710	0	1986	EPI Program	Working well

Refrigerators Freezers

The refrigerators freezers menu can be viewed by selecting the “Refrigerators Freezers” tab in the sub-menu. The drop down menu will be displayed as follows:



By Working Status Facility Type and Area

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

A report for refrigerator/freezers according to the working status, facility type and area will be displayed.

CCEM Reports

Refrigerator/Freezers by Working Status Facility Type and Area

Facility Type: National Vaccine Store

Use Filter options to filter data in the table

This report provides information about the refrigerators/freezers/ILRs with respect to their working status, facility type and area. It displays total number of refrigerators, quantity of working refrigerators, working percentage, quantity of working refrigerators needs service, percentage of refrigerators need service, quantity not working and not working percentage.

Refrigerator/Freezers by Working Status Facility Type and Area										
Province	District	Facility Type	Equipment Type	Total Refs/Freezers	Working #	Working %	Working Needs Service #	Working Needs Service %	Not Working #	Not Working %
National	National	National Vaccine Store	Ice lined Refrigerator	1	1	100.0	0	0.0	0	0.0

Refrigerators/Freezers Models by Working Status

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

A report for the refrigerator/freezers models available according to the working status is displayed.

CCEM Reports

Refrigerator/Freezers Models by Working Status

Facility Type: Office: Province: District:

This report provides information about the models of refrigerators/freezers/LRs with respect to their working status. It displays total number of refrigerators of each model, quantity of well working refrigerators, working well percentage, quantity of working refrigerators needs service, percentage of refrigerators need service, quantity not working and not working percentage.

Refrigerator/Freezers Models by Working Status							
Model	Total #	Working Well #	Working Well %	Working Needs Service #	Working Needs Service %	Not Working #	Not Working %
2000	1	1	100.0	0	0.0	0	0.0
MK 074	21	1	4.8	0	0.0	20	95.2
MK 144	5	0	0.0	0	0.0	5	100.0
MK304	5	3	60.0	0	0.0	2	40.0
MF 214	1	0	0.0	0	0.0	1	100.0
WF-210	1	1	100.0	0	0.0	0	0.0
MK 204	6	0	0.0	0	0.0	6	100.0
Unknown	1	1	100.0	0	0.0	0	0.0
Unknown	1	1	100.0	0	0.0	0	0.0
CF240 ISI	1	0	0.0	0	0.0	1	100.0
407-A	1	0	0.0	0	0.0	1	100.0
Unknown	1	0	0.0	0	0.0	1	100.0
TCIW 1990	1	0	0.0	0	0.0	1	100.0
TCIW 1990	1	0	0.0	0	0.0	1	100.0

Use Filter options to filter data in the table

Refrigerators/Freezers Models by Age Group

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

A report for refrigerator/freezers models according to the age group will be displayed.

CCEM Reports

Refrigerator/Freezers Models by Age Group
▼

Facility Type

Office

Province *

Refrigerator/Freezers Models by Age Group											
Model	Total #	0-2 Years #	0-2 Years %	3-5 Years #	3-5 Years %	6-10 Years #	6-10 Years %	>10 Years #	>10 Years %	Unknown #	Unknown %
131	2	0	0.00	0	0.00	0	0.00	2	100.00	0	0.00
1990	1	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
407-A	1	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
9144	3	0	0.00	2	66.67	0	0.00	1	33.33	0	0.00
9155	2	0	0.00	0	0.00	1	50.00	1	50.00	0	0.00
9166AD	3	0	0.00	1	33.33	1	33.33	1	33.33	0	0.00
9170WBAD	1	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00
CF32A	1	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
CF32A	2	0	0.00	0	0.00	0	0.00	2	100.00	0	0.00
CF32A	1	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
CF-32-A	1	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
DF500P	1	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
DM3	2	0	0.00	0	0.00	0	0.00	1	50.00	1	50.00

Use Filter options to filter data in the table

Refrigerators/Freezers Utilization

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

A report about the utilization of refrigerator/freezers in the selected province / district will be displayed.

CCEM Reports

Refrigerator/Freezers Utilization
▼

Facility Type

Office

Province *

Search

Refrigerator/Freezers Utilization									
Model	Total #	In Use #	In Use %	In Store #	In Store %	Not Used #	Not Used %	Unknown Status #	Unknown Status %
131	2	2	100.0	0	0.0	0	0.0	0	0.0
CF32A	1	1	100.0	0	0.0	0	0.0	0	0.0
MF 214	3	3	100.0	0	0.0	0	0.0	0	0.0
Unknown	2	2	100.0	0	0.0	0	0.0	0	0.0
Unknown	2	2	100.0	0	0.0	0	0.0	0	0.0
407-A	1	1	100.0	0	0.0	0	0.0	0	0.0
MF304	1	1	100.0	0	0.0	0	0.0	0	0.0
Unknown	2	2	100.0	0	0.0	0	0.0	0	0.0
Unknown	2	2	100.0	0	0.0	0	0.0	0	0.0
Unknown	1	1	100.0	0	0.0	0	0.0	0	0.0
Unknown	1	1	100.0	0	0.0	0	0.0	0	0.0
Unknown	1	1	100.0	0	0.0	0	0.0	0	0.0
Unknown	1	1	100.0	0	0.0	0	0.0	0	0.0
Unknown	1	1	100.0	0	0.0	0	0.0	0	0.0
Unknown	1	1	100.0	0	0.0	0	0.0	0	0.0
Unknown	6	6	100.0	0	0.0	0	0.0	0	0.0

Use Filter options to filter data in the table

Distribution of CFC-Free Equipment by Facility Type

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

The screenshot shows the 'CCEM Reports' interface. At the top, there is a green header with the title 'Distribution of CFC-Free Equipment by Facility Type'. Below the header, there are two dropdown menus: 'Facility Type' (set to 'Provincial Vaccine Store') and 'Province' (set to 'Sindh'). A green 'Search' button is positioned to the right of these filters. A callout box with a speech bubble points to the filters, containing the text 'Use Filter options to filter data in the table'. Below the filters, there is a descriptive paragraph: 'This report provides information about the distribution of CFC-Free Refrigerators/Freezers at each facility type. It displays total CFC-Free refrigerators, percentage of CFC-Free refrigerators, quantity of Not CFC-Free refrigerators, percentage of Not CFC-Free refrigerators, quantity of refrigerators with unknown CFC-free status, and percentage of refrigerators with unknown CFC-free status.' To the right of this text are icons for PDF and Excel. At the bottom, there is a table with the following data:

Facility Type	Total #	CFC Free #	CFC Free %	Not CFC Free #	Not CFC Free %	Unknown #	Unknown %
Provincial Vaccine Store	24	21	87.50	2	8.33	1	4.17

Refrigerators/Freezers Not Working or Needs Service

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Refrigerators/Freezers not working or needs service

Facility Type

Office

Province *

District *

Search

This report provides information about the Refrigerators/Freezers which aren't working or needs service at each facility type. It displays the catalog ID, model, make, net volume, year of supply, working status and equipment utilization.

Refrigerators/Freezers not working or needs service												
Province	District	Facility Name	Facility Type	Catalog ID	Model	Make	Serial No	Net Vol +4	Net Vol -20	Year of Supply	Working Status	Equipment Utilization
Punjab	UC123-Shamk Bhattian	123A	Basic Health Unit	Domestic	ERD8MK	General		33.8	0.0	2000	Not working	Not in use and not available for re-allocation
Punjab	UC124-Sultan K	124	Basic Health Unit	E003010	MK 074	Vestfrost	20113641485	16.0	0.0	2012	Not working	Not in use and not available for re-allocation
Punjab	UC144Haloki	144	Basic Health Unit	E003010	MK 074	Vestfrost	2012214456	16.0	0.0	2011	Working but needs maintenance	In use
Punjab	UC150-Pandoki	150A	Basic Health Unit	Domestic	9144	Dawlance		45.6	34.5	2000	Working but needs maintenance	In use
Punjab	UC53-Minhala	53	Basic Health Unit	E003011	MK 204	Vestfrost		75.0	0.0	1998	Working but needs maintenance	In use

Use Filter options to filter data in the table

Refrigerators/Freezers not in use

User can select following filters according to their requirements. Available filters are as follows:

1. Office
2. Province

Click **Search**.

CCEM Reports

Refrigerators/Freezers not in use

Office: Province *: District *:

Use Filter options to filter data in the table

This report provides information about the Refrigerators/Freezers which aren't in use at each facility type. It displays the catalog ID, model, make, net volume, year of supply, working status and equipment utilization.

Refrigerators/Freezers not in use											
Province	District	Facility Name	Facility Type	Catalog ID	Model	Make	Serial No	Net Vol +4	Net Vol -20	Year of Supply	Working Status
Punjab	Lahore	105	Others	MKF074	MKF 074	Vestfrost	20122144608	16.0	0.0	2013	Not in use and available for re-allocation
Punjab	Lahore	107A	Dispensary	Domestic	9144M	Davliance	15420	4.1	3.1	2000	Not in use and not available for re-allocation
Punjab	Lahore	120A	Dispensary	E396M	MF 114	Vestfrost	01310970	0.0	72.0	2000	Not in use and not available for re-allocation

Cold Rooms

This menu can be viewed by selecting the “Cold Rooms” tab in the sub-menu. The drop down menu will be displayed as follows:



4 and -20 by Model and Working Status

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Cold Rooms +4C and -20C By Model And Working Status

Facility Type: Office: Province *: District *:

This report provides information about the Cold Rooms of +4C and -20C with respect to their model and working status at each facility type. It displays model name, manufacturer, equipment type, total number of cold rooms, quantity of cold rooms in working condition, percentage of cold rooms in working condition, quantity of cold rooms in working but needs service, percentage of cold rooms in working but needs service, quantity of cold rooms not working and percentage of cold rooms not working.

Facility Type	Model Name	Manufacturer	Equipment Type	Total	Working #	Working %	Working Needs Service #	Working Needs Service %	Not Working #	Not Working %
District/Agency Vaccine Store	POV90L	Porkka	Cold Room +2°C to +8°C	1	1	100.00	0	0.00	0	0.00
District/Agency Vaccine Store	Foster	FOSTER	Cold Room +2°C to +8°C	1	1	100.00	0	0.00	0	0.00

Use Filter options to filter data in the table

Cold Room Facilities and Working Status

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Listing Of Cold Room Facilities And Working Status

Facility Type

Office

Province *

District *

Search

This report provides information about the Cold Rooms facilities and working status with respect to their model and facility type. It displays facility type, model name, manufacturer, equipment type, total number of cold rooms, quantity of cold rooms in working condition, percentage of cold rooms in working condition, quantity of cold rooms in working but needs service, percentage of cold rooms in working but needs service, quantity of cold rooms not working and percentage of cold rooms not working.

Listing Of Cold Room Facilities And Working Status											
Facility Type	Model Name	Manufacturer	Equipment Type	Serial No	Total	Working #	Working %	Working Needs Service #	Working Needs Service %	Not Working #	Not Working %
District/Agency Vaccine Store	POV90L	Porkka	Cold Room +2°C to +8°C		1	1	100.00	0	0.00	0	0.00
District/Agency Vaccine Store	Foster	FOSTER	Cold Room +2°C to +8°C		1	1	100.00	0	0.00	0	0.00

Use Filter options to filter data in the table

Cold Boxes

This menu can be viewed by selecting the “Cold Boxes” tab in the sub-menu. The drop down menu will be displayed as follows:



Cold box and Vaccine Carriers by Working Status

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District

Click **Search**.

CCEM Reports

Coldbox And Vaccine Carriers By Working Status
Use Filter options to filter data in the table
▼

Facility Type

Province *

Search

This report provides information about the Cold Boxes and Vaccine Carriers with respect to their working status at each facility type. It displays model name, manufacturer, equipment type, total number of cold boxes, quantity of cold boxes in working condition and quantity of cold boxes not working.

Coldbox And Vaccine Carriers By Working Status						
Facility Type	Model Name	Manufacturer	Equipment Type	Total	Working	Not Working
Provincial Vaccine Store	RCW12	Dometic	Vaccine Carriers-Cold Boxes	4749	4749	0
Provincial Vaccine Store	Rotary International	Unknown	Vaccine Carriers-Cold Boxes	9293	9293	0
Provincial Vaccine Store	RCW25	Dometic	Vaccine Carriers-Cold Boxes	900	900	0

Cold Boxes/Carriers Quantity

User can select following filters according to their requirements. Available filters are as follows:

1. Facility Type
2. Office
3. Province
4. District



Click **Search**.

CCEM Reports

Quantity Of Cold Boxes Carriers

Facility Type: Office: Province *: District *:

This report provides information about the Cold Boxes and Vaccine Carriers with respect to their quantity at each facility type. It displays the maximum and minimum number of vaccine carriers available as well as the mean of the two values.

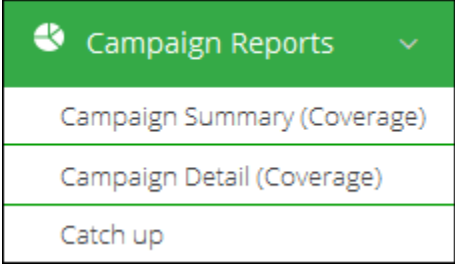
 

Quantity Of Cold Boxes Carriers			
Facility Type	Vaccine Carriers (Min)	Vaccine Carriers (Max)	Vaccine Carriers (Mean)
District/Agency Vaccine Store	2	9	6

Use Filter options to filter data in the table

Campaign Reports

Users can also view the campaign reports from the Campaigns main-menu.



Campaigns Summary (Coverage)

This report helps user to get list of all campaigns in a summary form. The list can be generated on all parameters required for adding a campaign.

Select **Province** and the **Year** for which you want to view report.

A list of districts for the selected province will be displayed along-with the analytical report for the data.

Consumption Reports (Campaign)

▼

Coverage Report – Campaign Summary

Province * Year * Search

Coverage Report – Campaign Summary										
District	Daily Target	No. of Teams Reported in the evening	0-5 Months	5-59 Months	Recorded NA	Recorded Refusal	Covered NA	Covered Refusal	Number of Mobile-Migratory children covered	Total Coverage
Bahawalpur	12795	380	1076	1178	1265	1268	1281	1289	232	2254
Hyderabad	1250	36	200	990	5	5	0	0	0	1190
Quetta	2900	114	468	3163	275	162	230	181	176	3631
Rawalpindi	170	3	28	117	15	0	0	1	10	145

Campaigns Detail (Coverage)

This report helps user to get list of all campaigns in detailed form. The list can be generated on all parameters required for adding a campaign.

Select **Province**, **District** and the **Campaigns** for with you want to view the report.

A list of tehsils for the selected district will be displayed along-with the analytical report for the data for each tehsil.

Consumption Reports (Campaign)

Coverage Report - Campaign Detail

Province * District * Campaigns *

Coverage Report - Campaign Detail											
Tehsil	UC	Daily Target	No. of Teams Reported in the evening	0-5 Months	5-59 Months	Recorded NA	Recorded Refusal	Covered NA	Covered Refusal	Number of Mobile-Migratory children covered	Total Coverage
Hasilpur	188/M	123	9	831	823	13	13	14	17	62	1654
Yazman	1/DNB	58	23	30	56	25	25	25	25	28	86
Hasilpur	H-38 Urban	250	5	81	126	15	17	18	12	14	207
Bahawalpur City	Urban No. 3	20	0	11	50	0	1	1	2	6	61
Yazman	106/DB	12344	343	123	123	1212	1212	1223	1233	122	246
Hyderabad Rural	Moosa Khatiyar B	1250	36	200	990	5	5	0	0	0	1190
Quetta	Ward 10	1200	90	468	1748	154	110	22	22	68	2216
Quetta	Ahmed Khanzai	1000	0	0	600	68	0	86	90	108	600
Quetta	U.C- 44	700	12	0	482	23	32	88	46	0	482
Quetta	Hanna	0	12	0	333	30	20	34	23	0	333
Kotli Sattian	Ariari	55	0	5	35	15	0	0	0	5	40
Rural(Rivp)	Adyala	50	3	10	40	0	0	0	0	5	50
City	U.C No. 30	65	0	13	42	0	0	0	1	0	55

Catch-Up

It is a monitoring report to find how much this campaign has been effective on the tehsil level.

Select **Province**, **District** and the **Campaigns** for with you want to view the report.

A list of tehsils for the selected district will be displayed along-with the analytical report for the data for each tehsil.

Consumption Reports (Campaign)

Coverage Report - Catch Up

Province * District * Campaigns * Search

Tehsil	UC	Still Missed After Campaign Activity	Still NA	Still Refusal	Catch-up Missed Children Covered After Campaign Activity	NA Covered	Refusals Covered	Un-recorded Missed Children Covered
Haslipur	188/M	-5	-1	-4	31	14	17	26
Yazman	1/DNB	0	0	0	50	25	25	50
Haslipur	H-38 Urban	2	-3	5	30	18	12	32
Bahawalpur City	Urban No. 3	-2	-1	-1	3	1	2	1
Yazman	106/DB	-32	-11	-21	2456	1223	1233	2424
Hyderabad Rural	Moosa Khatyan B	10	5	5	0	0	0	10
Quetta	Ward 10	220	132	88	44	22	22	264
Quetta	Ahmed Khanzai	-108	-18	-90	176	86	90	68
Quetta	U.C- 44	-79	-65	-14	134	88	46	55
Quetta	Hanna	-7	-4	-3	57	34	23	50
Kotli Sattian	Ariari	15	15	0	0	0	0	15
Rural(R/vp)	Adyala	0	0	0	0	0	0	0
City	U.C No. 30	-1	0	-1	1	0	1	0

Status of Campaigns

Status of Campaigns report displays the coverage status of a selected campaign at the National, Provincial and District level.

Status of Campaigns

Status of Campaigns ▼

Office: Province Province: Sindh Campaigns: NIDs tOPV (C)

Status of Campaigns								
Location	Target Population	Reported Coverage number	Reported Coverage %	No. of UCs	< 90% Coverage	< 70% Coverage	<50% Coverage	< 30% Coverage
Sindh	2,670,732	2,628,299	98.4	1	0	0	0	0

Maps

This section explains the step-by-step instructions on the maps features that can be used by the Vaccine Logistics Management Information system's users.

Overview

The Vaccine Logistics Management Information System enables you to login as an authenticated user to view these maps. These users can view geographical maps and stores data for any period using selection filters.

Why Web Mapping is important?

One of the main values of web mapping is its ability to highlight the reach and impact of the Government of Pakistan on the reliability and effective supply of commodities across the country with the rapid growth and acceptance of web mapping. It is seen as a very effective method of presenting data and engaging the use of data in decision making and transparency. Thus, the aim of this activity is to turn routine logistic data into interactive web maps which show the impact and encourage the use of logistics data in decision making. These interactive maps would be made Vaccines Logistics Management Information System (vLMIS). The expected outcome is to add value and increase the use of the existing information disseminates by Government of Pakistan through the web-based LMIS by providing the information a more captivating approach, to both promote the importance of supply chain and use of data in decision making. How these interactive mapping adds value is how they can intuitively engage the user in providing the data in a known context - in this case the map of Pakistan - and thus, begin to understand the map based on their existing understanding of Pakistan. By providing the data in a known context, it facilitate the user in been able to interpret the information been displayed. Below are some identified ways that this has it will add value:

- Understanding of the spatial distribution of commodities, where are stock shortages? And are next other districts with stock shortages or not?

- Improve ability of Managers to target actions, which districts do I need to monitor more closely?
- Easily Share data with other key stakeholders, for use as a discussion piece with stakeholders on what the current status is and what the planned actions are. For example, greater monitoring of activities in District X.



Web mapping in Pakistan

The use of web mapping in Pakistan has been growing over the past 5 years both publicly and within the government of Pakistan. This application will be helpful for the health managers at all levels of administrative tiers for planning, identification of possible supply chain problems and new areas of improvements. In addition, GIS dashboards combined with other reports and graphs of LMIS application will give quick overview of monthly situation of commodities and reporting status. This would be a good epidemiological tool to combine outputs of web-mapping application with other sources for data for research activities.

The LMIS also has the capability of generating easy to interpret maps with color codes. These interactive maps would be made available through the Government of Pakistan website and help in increasing the use of the existing information disseminates by Government of Pakistan through the web-based vLMIS by providing the information a more captivating approach, to both promote the importance of supply chain and use of data in decision making.

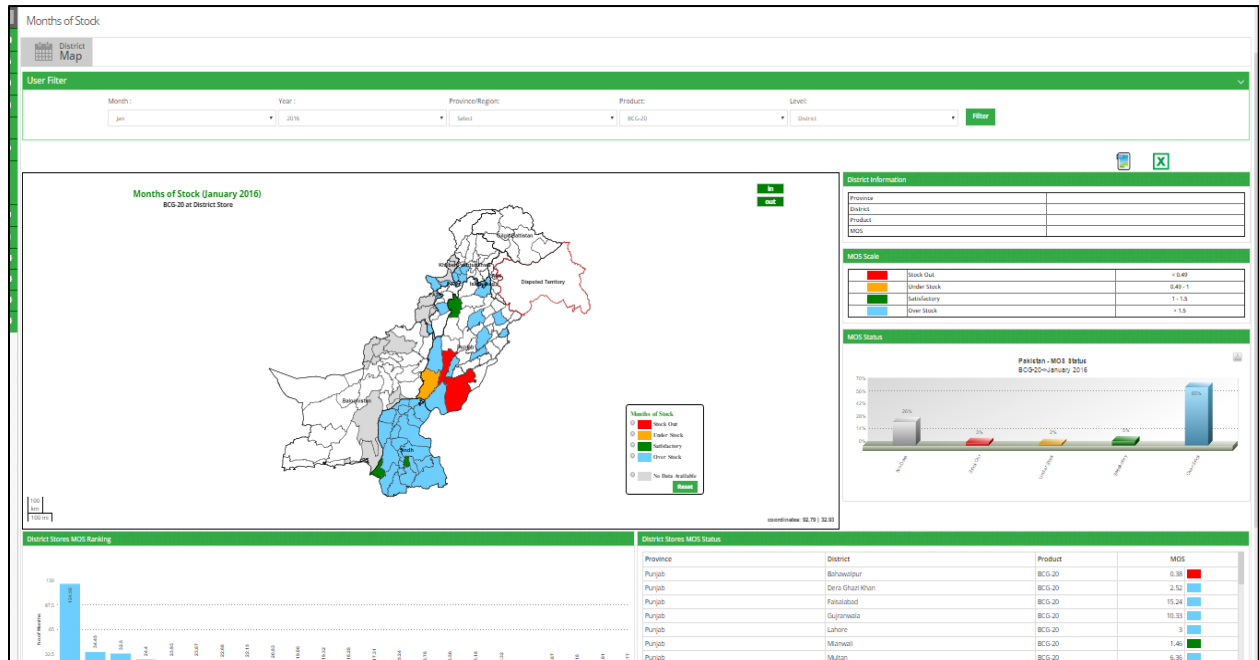
Maps

These maps can be viewed by selecting the “Maps” tab in the menu. The drop down menu will be displayed as follows: Once the indicator for which the map is to be viewed is selected, the user will be directed towards a page to select from various filters.

 Maps 
Month of Stock
Consumption
Reporting Rate
Wastages
Wastages and Reporting Rate
Expiry Alert
Vaccine Coverage
Cold Chain Capacity
Demographic Map

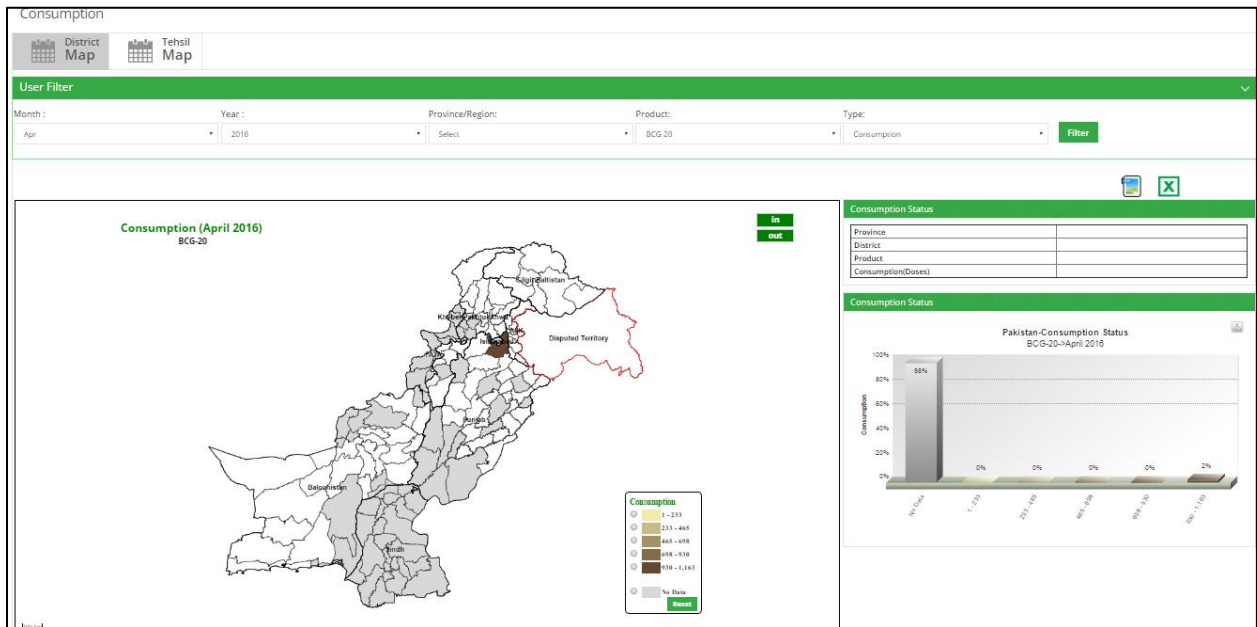
Month of Stock Map

Month of Stock (MOS) map provides many filter options to the user. User can select Month, Year, Province/Region, Product as well as Level to analyze MOS for each district in the selected province. The detailed information can be seen once the user clicks a particular district on the map.



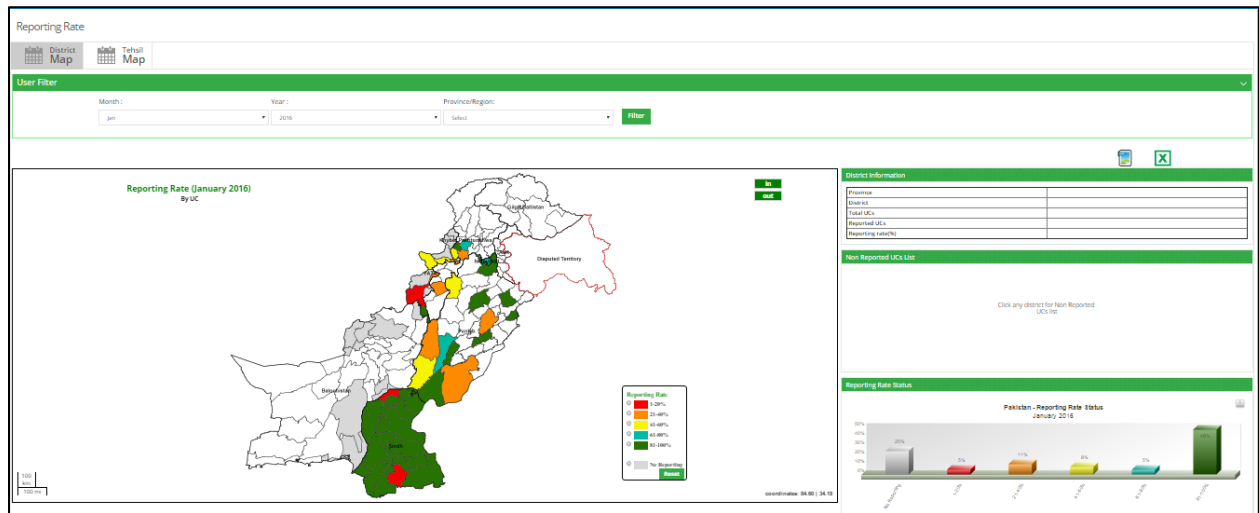
Consumption Map

Consumption map provides user with filter options such as Month, Year, Province/Region, Product as well as Type (Consumption and Avg. Monthly Consumption) to analyze product consumption for each district in the selected province. The detailed information can be seen once the user clicks a particular district on the map. User can view both district and tehsil maps.



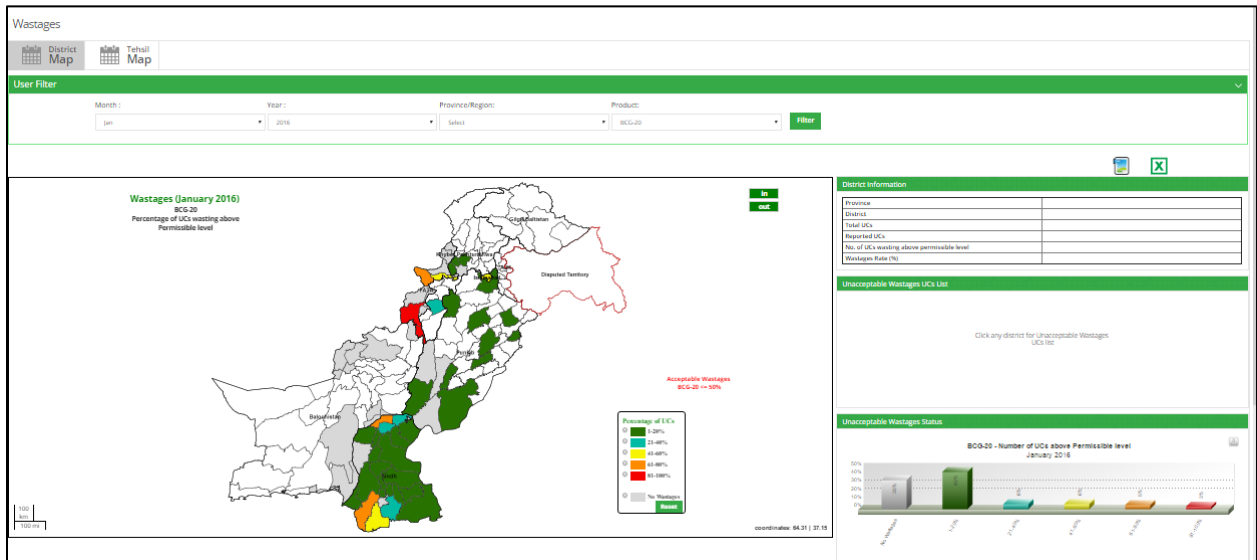
Reporting Rate Map

Reporting rate map shows the number of stores and facilities which have provided the report for each district. User can see filter options such as Month, Year, Province/Region and Product to analyze the reporting rate for each district in the selected province based on the number of facilities in that district. The detailed information can be seen once the user clicks a particular district on the map. User can view both district and tehsil maps.



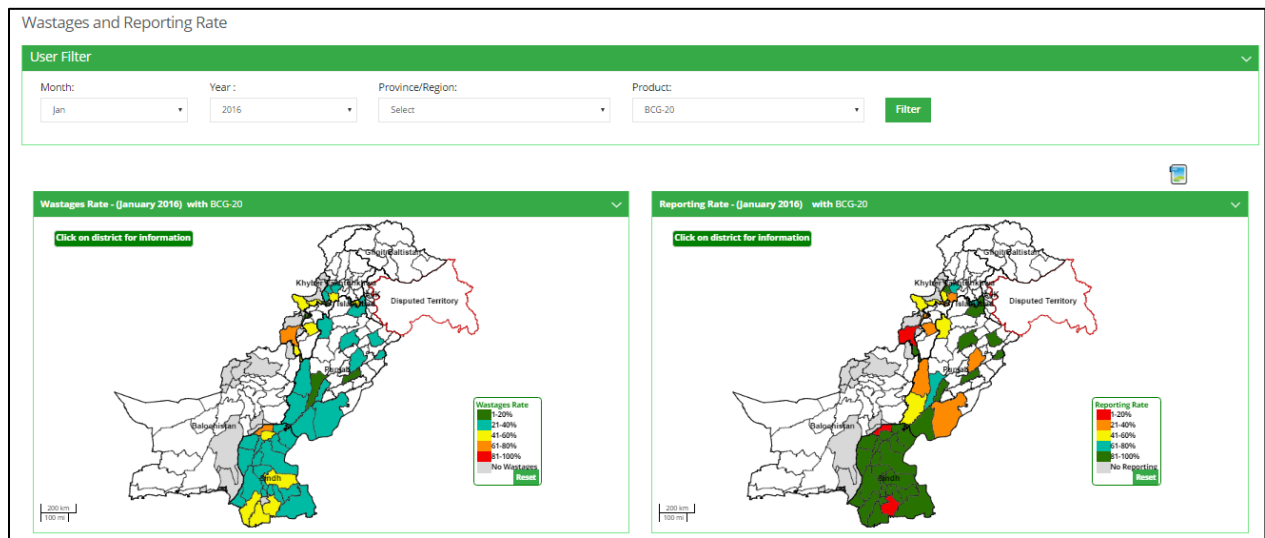
Wastages Map

Wastages map shows the wastages within the stores / facilities which have been provided in the report for each district. User can see filter options such as Month, Year, Province/Region and Product to analyze the wastage rate for each district in the selected province based on the number of facilities in that district. The detailed information can be seen once the user clicks a particular district on the map. User can view both district and tehsil maps.



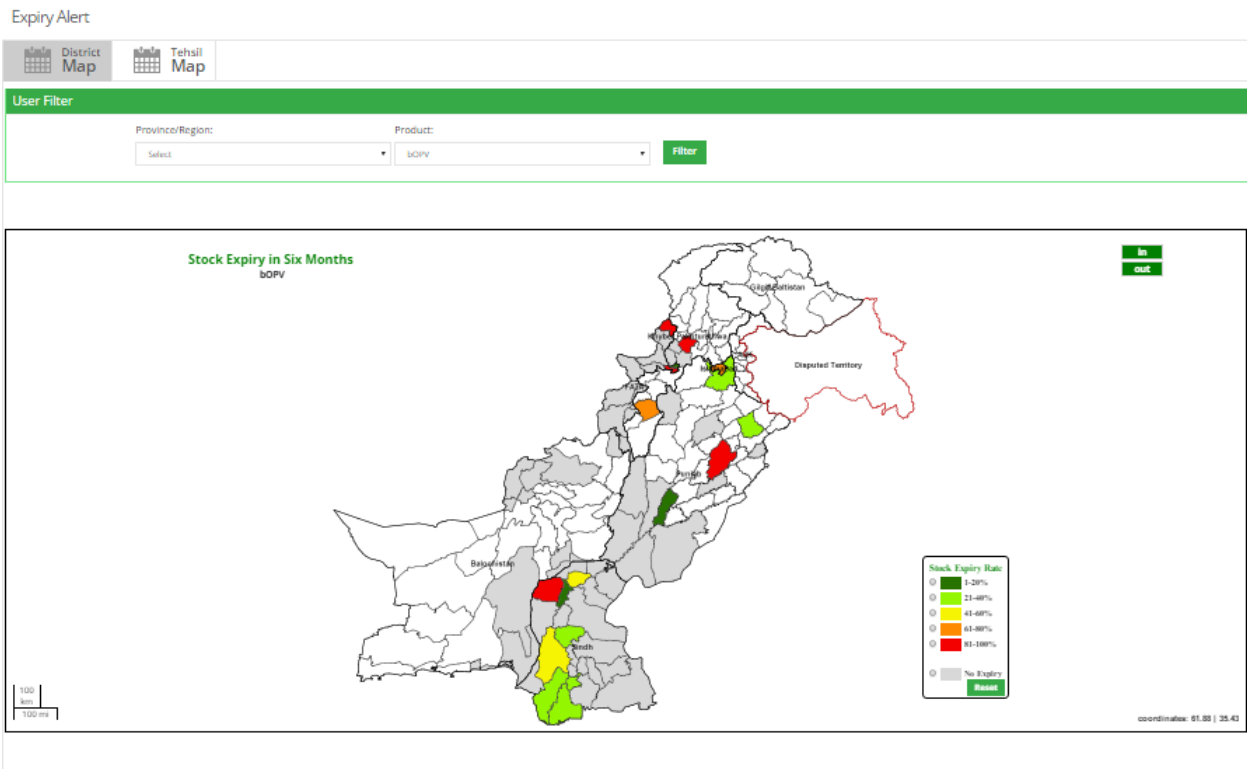
Wastages vs. Reporting Rate Map

This map shows the wastages vs. the reporting rate within the stores / facilities which have been provided in the report for each district. User can see filter options such as Month, Year, Province/Region and Product to analyze the wastages vs. reporting rate for each district in the selected province based on the number of facilities in that district. The detailed information can be seen once the user clicks a particular district on the map. User can view both district and tehsil maps.



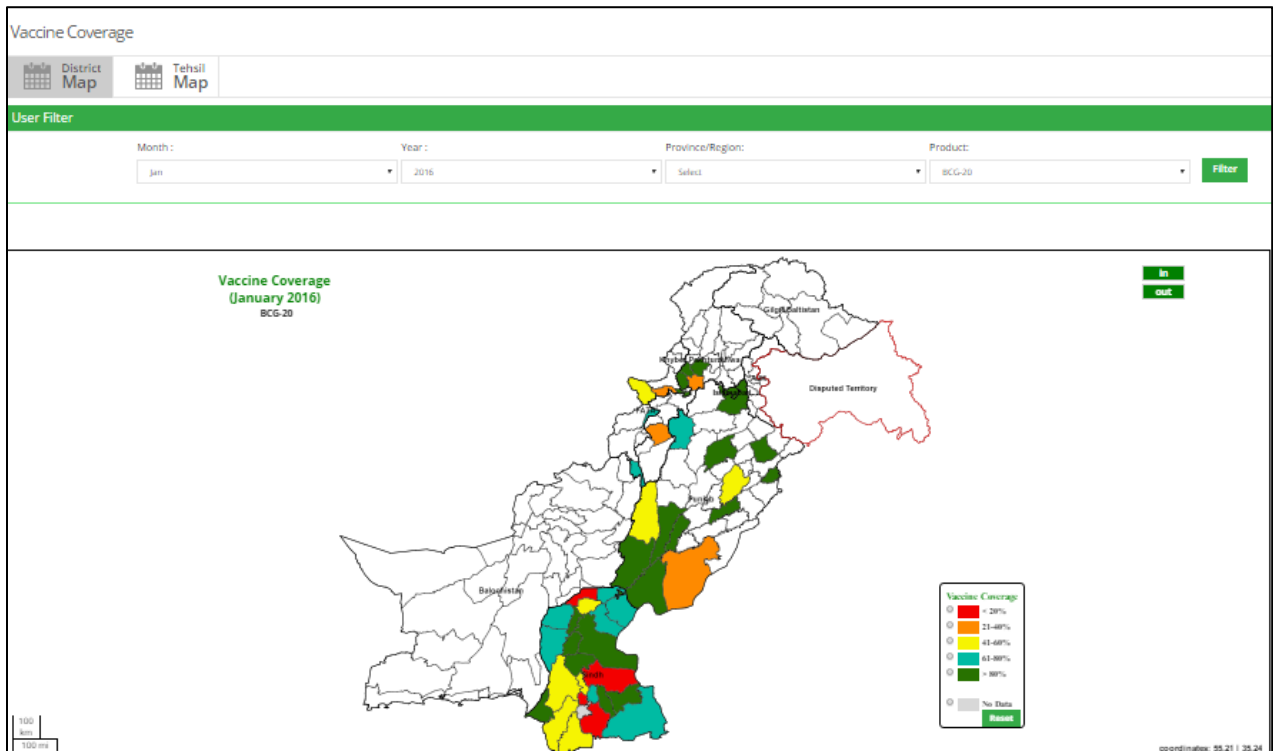
Expiry Alert Map

This map shows the expiry alert rate within the stores / facilities which have been provided in the report for each district. User can see filter options such as Month, Year, Province/Region and Product to analyze the expiry rate for each district in the selected province based on the number of facilities in that district. The detailed information can be seen once the user clicks a particular district on the map. User can view both district and tehsil maps.



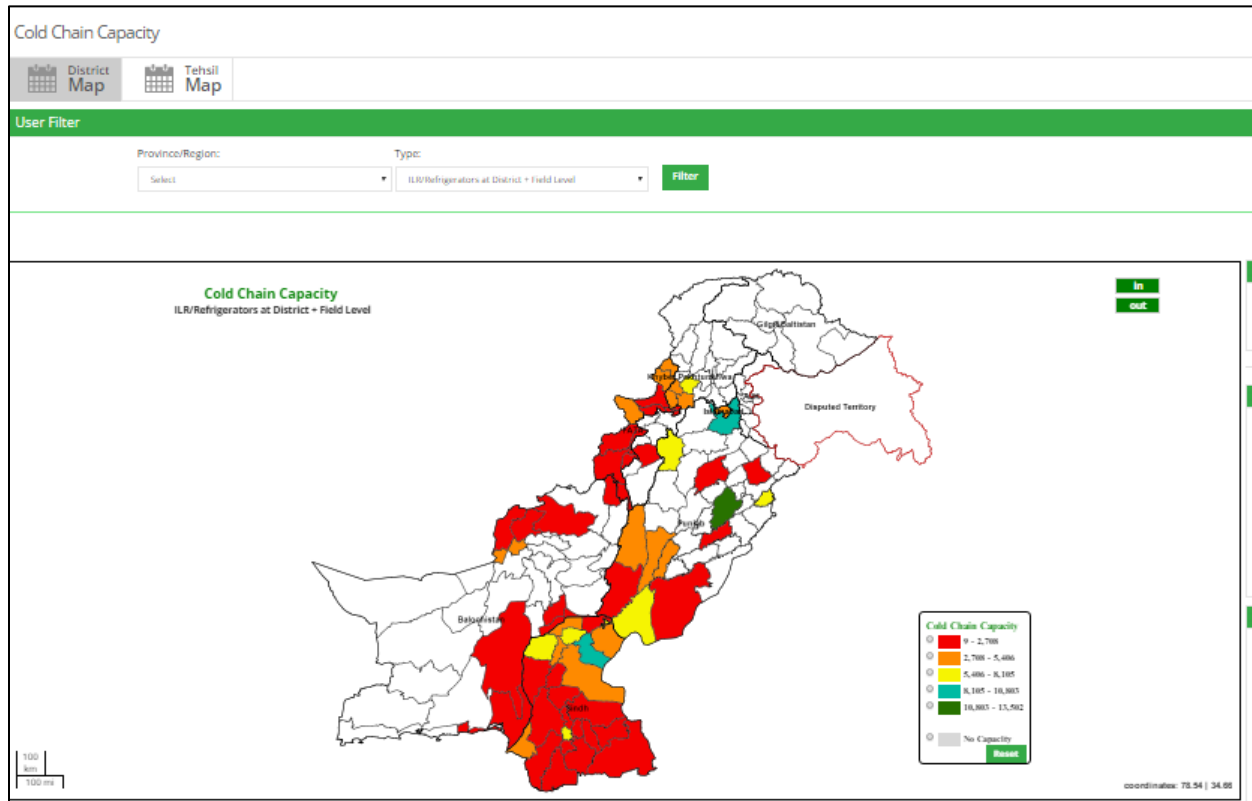
Vaccine Coverage Map

This map shows the vaccine coverage within the selected province in each district. User can see filter options such as Month, Year, Province/Region and Product to analyze the vaccine coverage for each district in the selected province based on the number of facilities in that district. The detailed information can be seen once the user clicks a particular district on the map. User can view both district and tehsil maps.



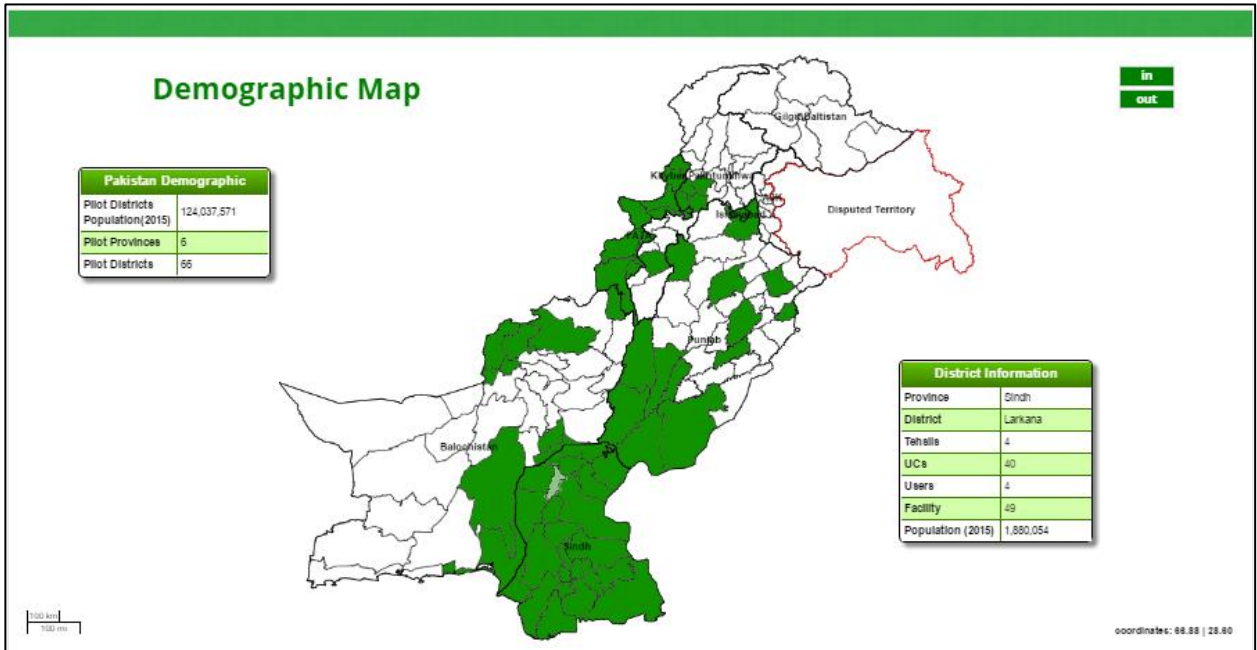
Cold Chain Capacity Map

This map shows the cold-chain capacity of each district within the selected province. User can see filter options such as Province/Region and Type of refrigerators or cold rooms to analyze the cold chain capacity rate for each district in the selected province based on the number of facilities in that district. The detailed information can be seen once the user clicks a particular district on the map. User can view both district and tehsil maps.



Demographic Map

This map shows the representation of demographic data of the country. The detailed information can be seen once the user clicks a particular district on the map.



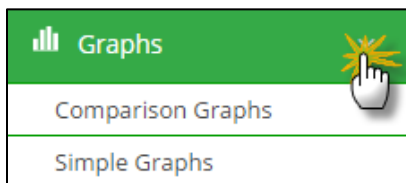
Graphs

This section explains the step-by-step instructions on the graphs features that can be used by the Vaccine Logistics Management Information system's users.

The Vaccine Logistics Management Information System enables you to login as an authenticated user to view these graphs. These users can view IM graphs and CCEM graphs to view data for any period using selection filters.

Graphs Menu

Clicking on **Graphs** menu displays the list of Graphs available in vLMIS as shown in the image below:



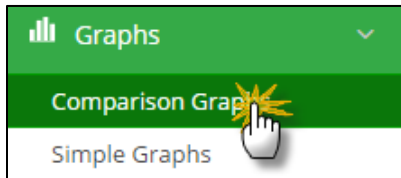
There are the following different types of graph reports:

- **Comparison Graphs:** enables you to compare different indicators.
- **Simple Graphs:** enables you to view different graph reports using indicators.

Comparison Graphs

The Comparison Graph Report provides representation of data in a visual format that can help you see overall trends easily based on indicators, geographical options and time interval.

Click **Comparison Graphs** under Graphs tab to open the desired page:



The Comparison Graphs includes the following:

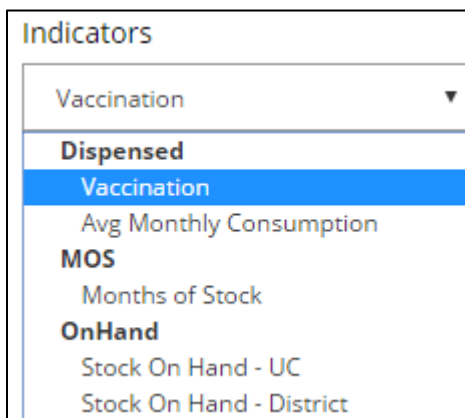
- Side bar for filter selection.
- Graph View for displaying the generated Graph.

The Comparison Graph Report consists of the following screen elements:

Selection Bar

The Selection Bar in the Comparison Graph Report includes different filters and select option to compare graphs to generate reports.

Clicking the **Indicators** drop-down displays the indicator options:



User can select one of the following options from the list:

- **Vaccination:** select this option to plot a graph for Monthly Consumption.
- **Average Monthly Consumption:** select this option to plot a graph for Average Monthly Consumption.
- **Month of Stock:** select this option to plot a graph for Months of Stock.
- **Stock On Hand – UC:** select this option to plot graph for Stock in Hand for UC.
- **Stock on Hand – District:** select this option to plot graph for Stock in Hand for District.

Clicking the Compare Options drop-down displays the following options:

- **Year - National:** selects only National level data.
- **Year - Provincial:** selects only Provincial level data.
- **Year - District:** selects only District level data.
- **Geographical – Provincial:** selects the provincial level geographical data.
- **Geographical – District:** selects the district level geographical data.

Year – National

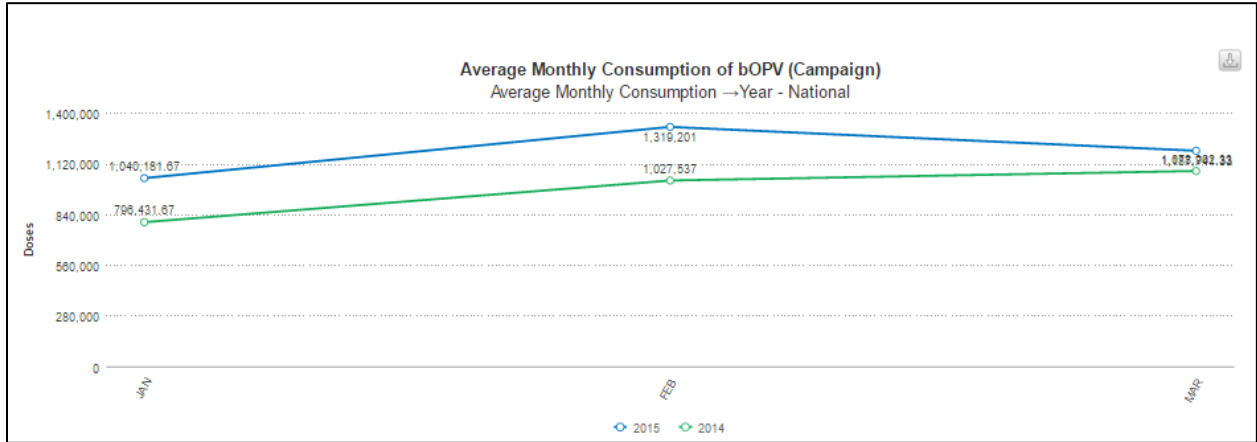
Selecting Years – National in the list enables you to compare National level data for the selected years, and displays the Years list as shown in the image below:

The image shows a 'Compare Options' panel with the following sections:

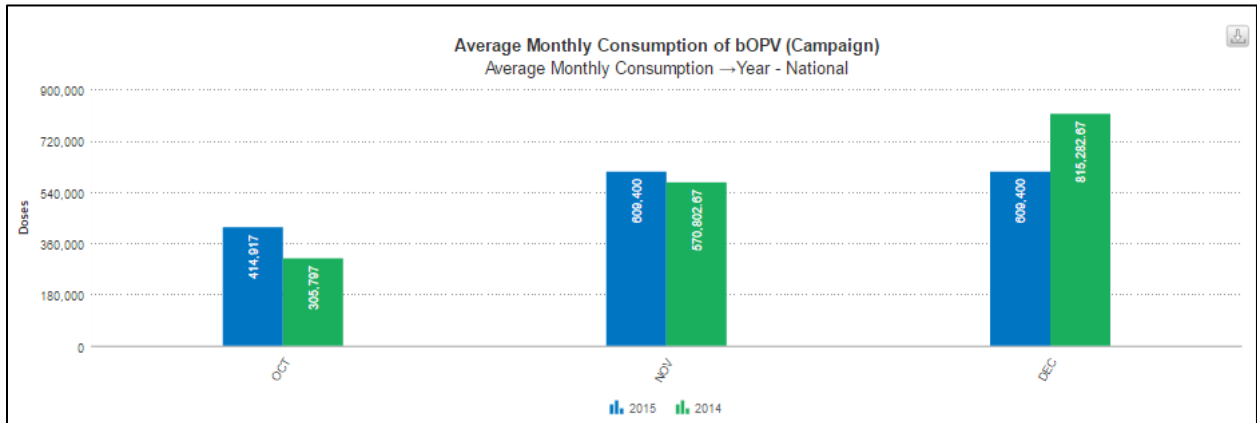
- Compare Options:** A dropdown menu showing 'Year - National'.
- Products:** A list box containing 'IPV', 'bOPV', 'bOPV (IHR)', and 'mOPV1'.
- Time Interval:** A dropdown menu showing '1st Quarter'.
- Years:** A list box containing '2013' and '2014', with '2014' highlighted in a dark grey bar.

You can select multiple list entries (years) from the **Years** list for side by side comparison of National level data for the selected years.

Comparison Line Graph for Average Monthly Consumption, Time Interval and Years selected is displayed below:



Comparison Bar Graph for Average Monthly Consumption, Time Interval and Years selected is displayed below:



Year – Provincial

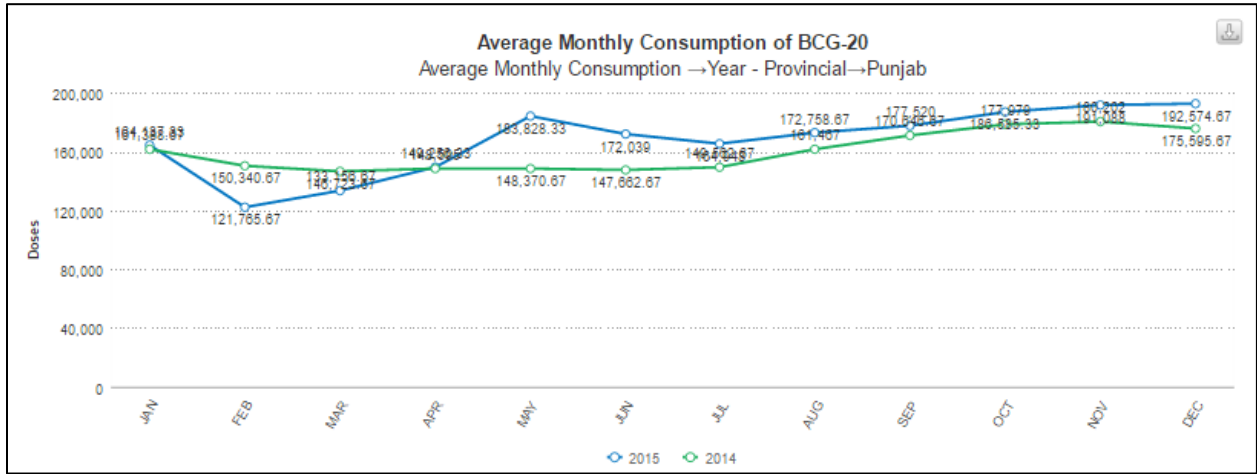
Selecting **Years – Provincial** in the list enables you to compare Provincial level data for the selected years, and displays the **Years** list as shown in the image below:

The image shows a configuration panel with the following sections and options:

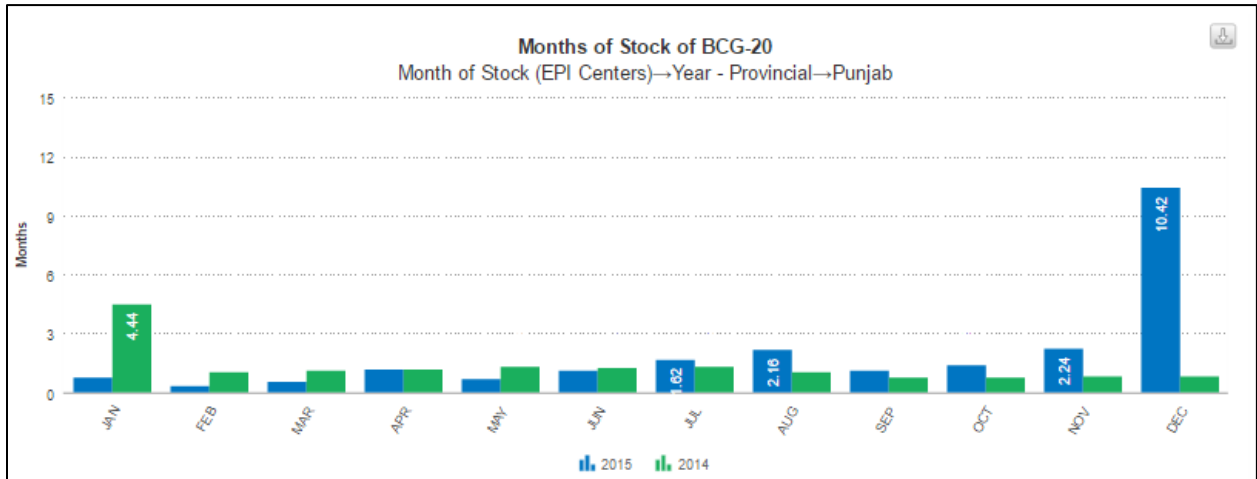
- Indicators:** Avg Monthly Consumption
- Compare Options:** Year - Provincial
- Provinces:** Punjab
- Products:** Meningococcal tOPV (Campaign), tOPV (IHR), tOPV (PTP), BCG-20
- Time Interval:** Annual
- Years:** 2013, 2014, 2015, 2016
- Chart Type:** Line

You can select multiple list entries (years) from the **Years** list for side by side comparison of Provincial level data for the selected years. You also need to select the required province as shown in the image above.

Comparison Line Graph for **Vaccine's** Average Monthly Consumption, Time Interval and Years selected is displayed below:



Comparison Bar Graph for **Vaccine's** Months of Stock, Time Interval and Years selected is displayed below:



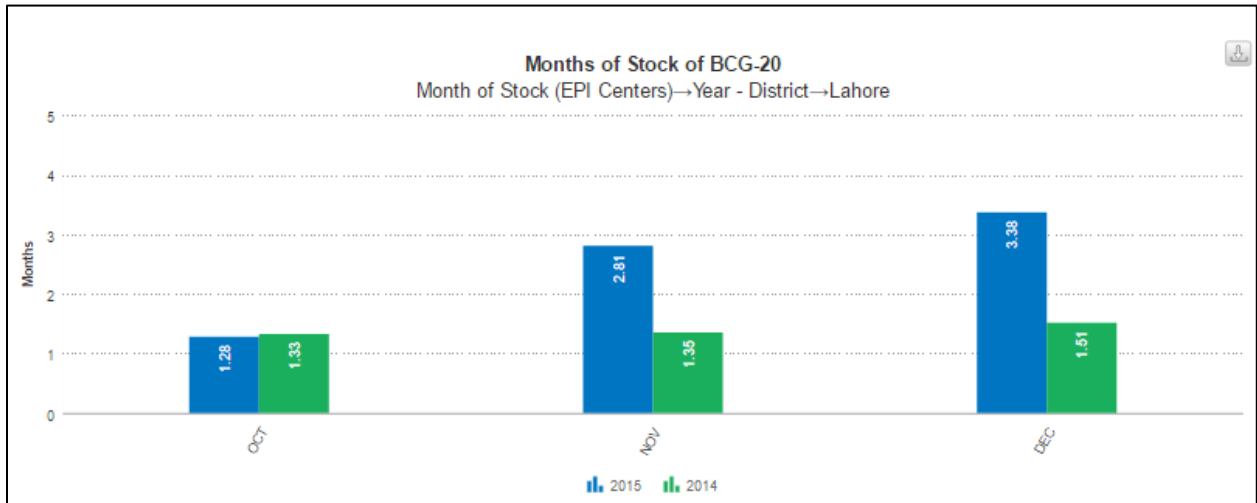
Year – District

Selecting **Years – District** in the list enables you to compare District level data for the selected years, and displays the **Years** list as shown in the image below:

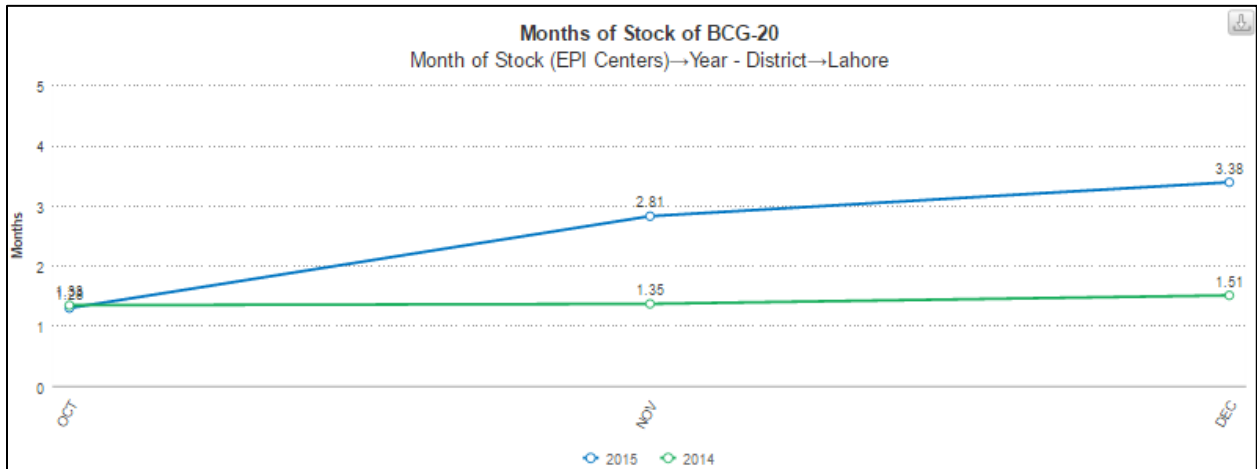
The image shows a vertical stack of filter menus. The 'Years' menu is open, displaying a list of years from 2013 to 2016. The year 2014 is highlighted with a grey background. Other filter menus include 'Indicators' (Months of Stock), 'Compare Options' (Year - District), 'Provinces' (Select), 'Products' (tOPV, Meningococcal, tOPV (Campaign), tOPV (IHR)), 'Time Interval' (Annual), and 'Chart Type' (Bar).

Filter Category	Selected Value
Indicators	Months of Stock
Compare Options	Year - District
Provinces	Select
Products	tOPV, Meningococcal, tOPV (Campaign), tOPV (IHR)
Time Interval	Annual
Years	2014
Chart Type	Bar

Comparison Bar Graph for **Vaccine's** Months of Stock, Time Interval and Years selected is displayed below:



Comparison Line Graph for **Vaccine's** Months of Stock, Time Interval and Years selected is displayed below:



Geographical – Provincial

Selecting **Geographical – Provincial** in the list enables you to compare Provincial level data side by side for the selected time interval.

Indicators

Months of Stock ▼

Compare Options

Geographical - Provincial ▼

Provinces

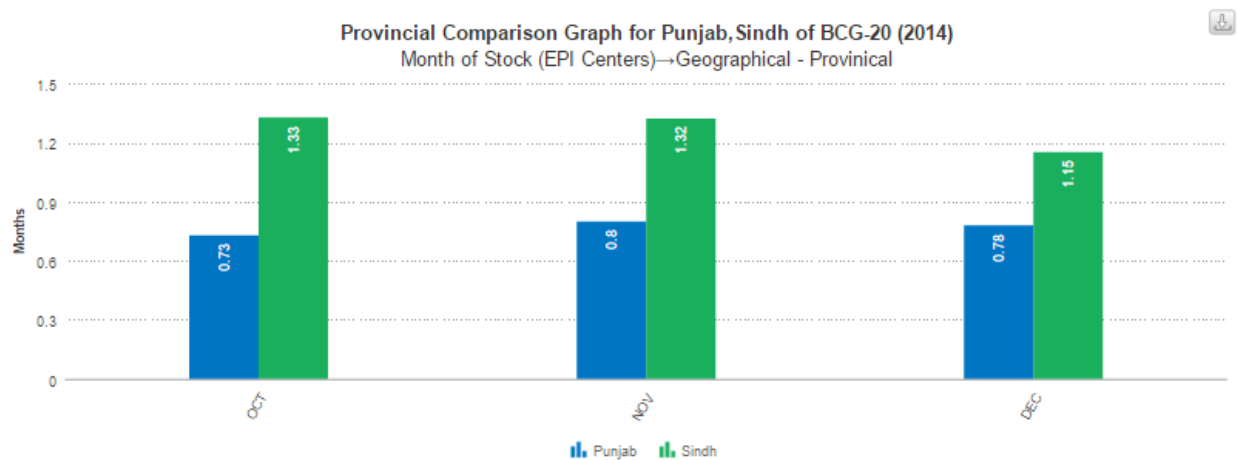
Select

Punjab

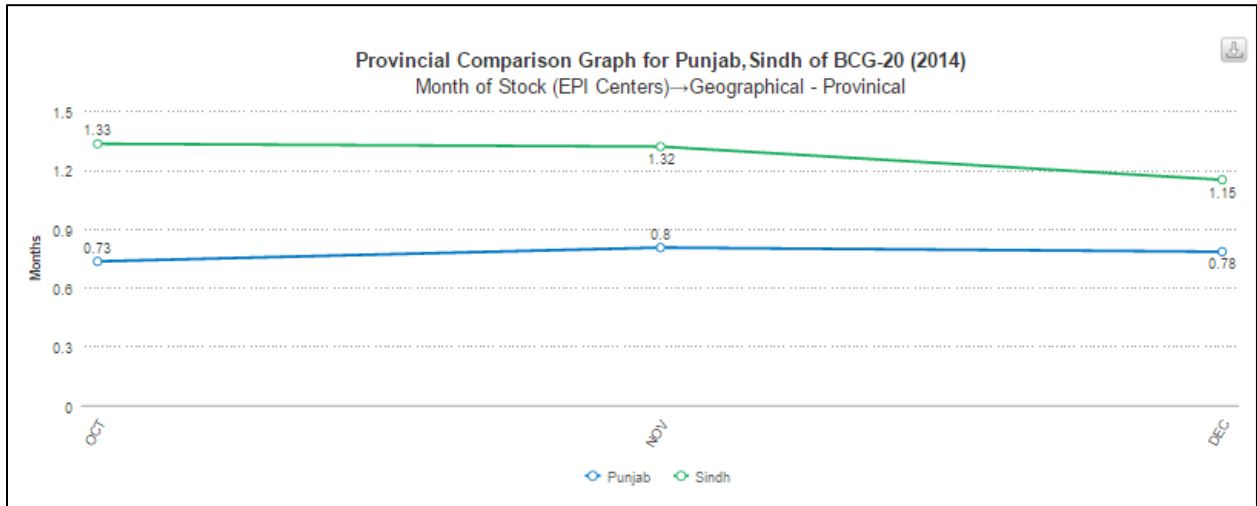
Sindh

Khyber Pakhtunkhwa

Comparison Bar Graph for **Vaccine's** Months of Stock, Time Interval, Province and Years selected is displayed below:

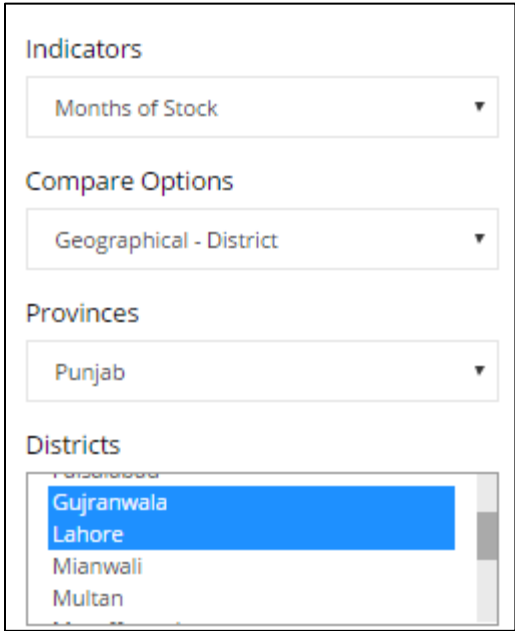


Comparison Line Graph for **Vaccine's** Months of Stock, Time Interval, Province and Years selected is displayed below:



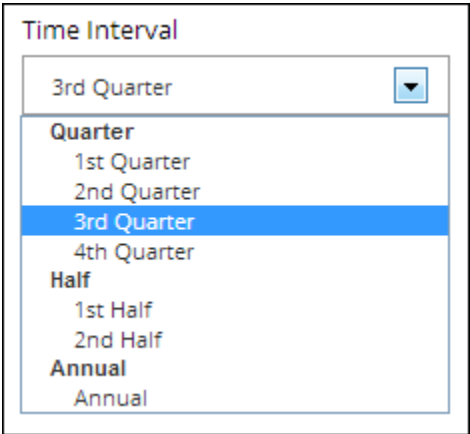
Geographical – District

Selecting **Geographical – District** in the list enables you to compare District level data side by side for the selected time interval.



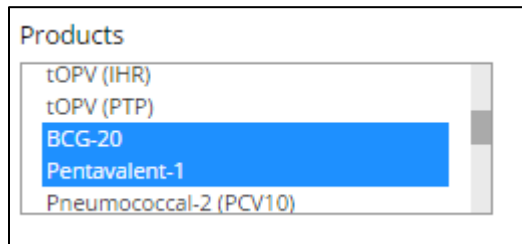
Users can also select one or multiple options in the Products list. To select multiple Products, click on the required product, press the **CTRL** key on the keyboard, and then click on the required products in the list.

Click the **Time Interval** drop-down to display the following options:

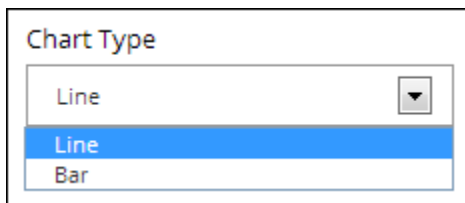


Select the required time period for which you want to generate the graph report.

Users can also select multiple years in the **Year** menu. To select multiple years, click on the required product, press the **CTRL** key on the keyboard, and then click on the required products in the list.



The **Chart Type** drop-down list enables you to select either Bar or Line chart for plotting format options. Select the required type.



After selecting the required options, click **Submit** to generate the graph report.

Indicators
Months of Stock ▼

Compare Options
Geographical - District ▼

Provinces
Punjab ▼


Districts
Dera Ghazi Khan
Faisalabad
Gujranwala
Lahore
Mianwali

Products
tOPV (PTP)
BCG-20
Pentavalent-1
Pneumococcal-2 (PCV10)
Measles-10

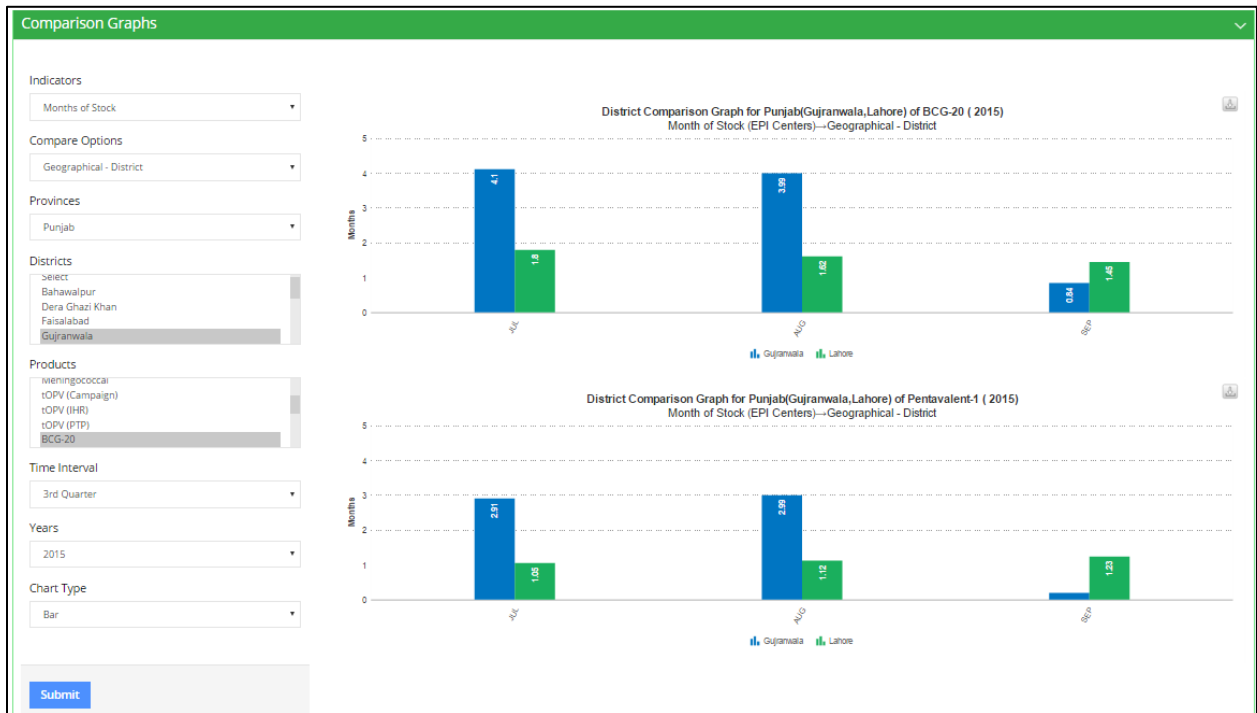
Time Interval
3rd Quarter ▼

Years
2015 ▼

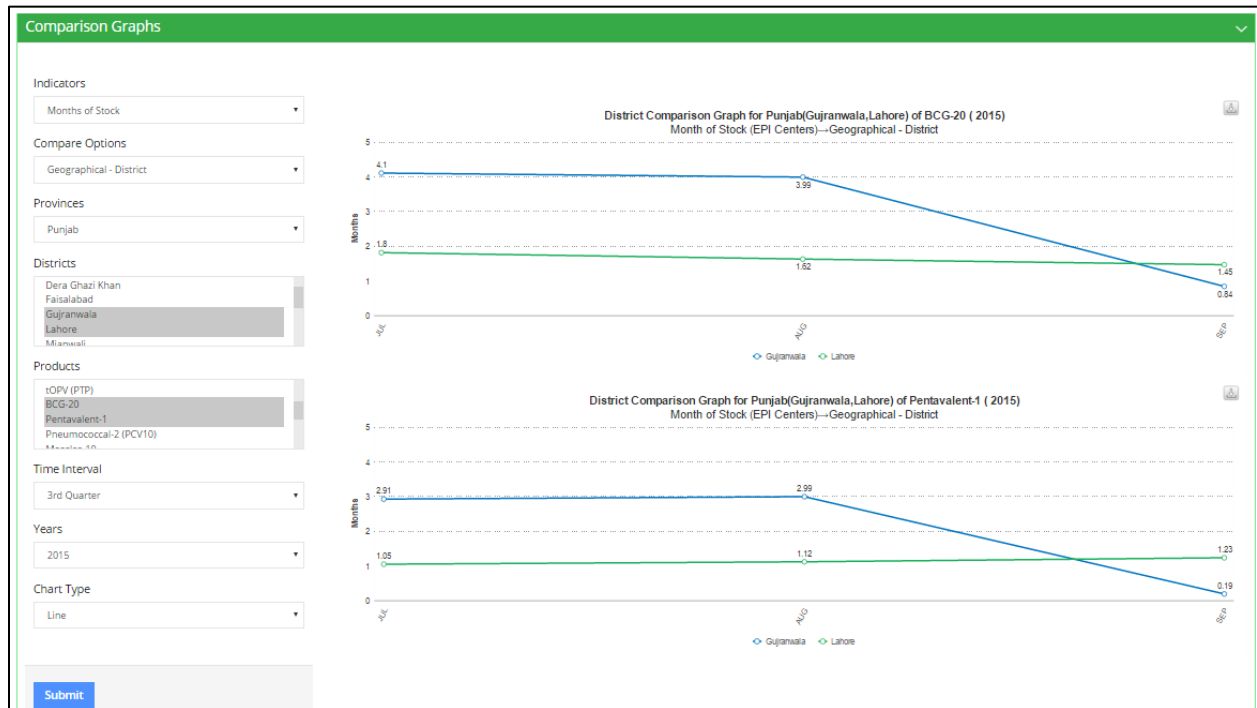
Chart Type
Line ▼

Submit 

If the user selects bar chart, the graph displays as shown below:



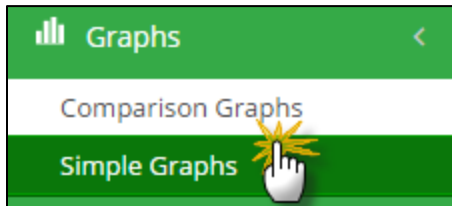
If the user selects Line chart, the graph displays as shown below:



Simple Graphs

The Simple Graph Report provides representation of data in a visual format that can help you see overall trends easily based on indicators, geographical options and time interval.

Click **Simple Graphs** under Graphs tab to open the desired page:



The Graph includes the following:

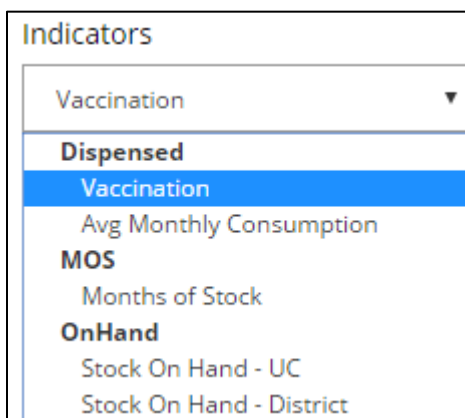
- Side bar for filter selection.
- Graph View for displaying the generated Graph.

The Simple Graph consists of the following screen elements:

Selection Bar

The Selection Bar in the Simple Graph includes different filters and select option to generate graphs.

Clicking the **Indicator** drop-down displays the indicator options:



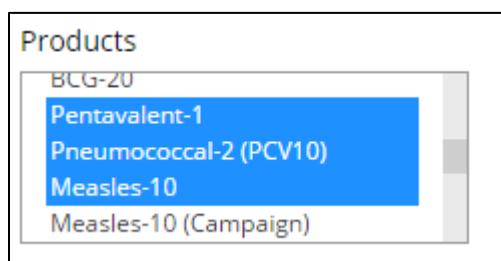
User can select one of the following options from the list:

- **Vaccination:** select this option to plot a graph for Monthly Consumption.
- **Average Monthly Consumption:** select this option to plot a graph for Average Monthly Consumption.
- **Month of Stock:** select this option to plot a graph for Months of Stock.
- **Stock On Hand – UC:** select this option to plot graph for Stock in Hand for UC.
- **Stock on Hand – District:** select this option to plot graph for Stock in Hand for District.

Clicking the Geographical Options drop-down displays the following options:

- **National:** selects only National level data.
- **Provincial:** selects only Provincial level data.
- **District:** selects only District level data.

You can select one or multiple options in the Products list. To select multiple Products, click the required product, press the **CTRL** key on the keyboard, and then click on the required products in the list.



Clicking the **Time Interval** drop-down displays the following options:

The screenshot shows a dropdown menu titled "Time Interval". The current selection is "1st Quarter". The menu is open, showing the following options: "Quarter" (with a sub-section "1st Quarter" highlighted in blue), "2nd Quarter", "3rd Quarter", "4th Quarter", "Half" (with sub-sections "1st Half" and "2nd Half"), and "Annual" (with sub-section "Annual").

Select the required time period for which you want to generate the graph report. Clicking the **Year** drop-down displays the years for which data is available. Select the required year.

The screenshot shows a dropdown menu titled "Years". The current selection is "2015". The menu is open, showing the following options: "2013", "2014", "2015" (highlighted in blue), and "2016".

The **Chart Type** drop-down list enables you to select either Bar or Line chart for plotting format options. Select the required type.

The screenshot shows a dropdown menu titled "Chart Type". The current selection is "Line". The menu is open, showing the following options: "Line" (highlighted in blue) and "Bar".

After selecting the required options, click **Submit** to generate the graph report.

Indicators

Vaccination ▼

Geographical Options

National ▼

Products

BCG-2U
Pentavalent-1
Pneumococcal-2 (PCV10)
Measles-10
Measles-10 (Campaign)

Time Interval


1st Quarter ▼

Years

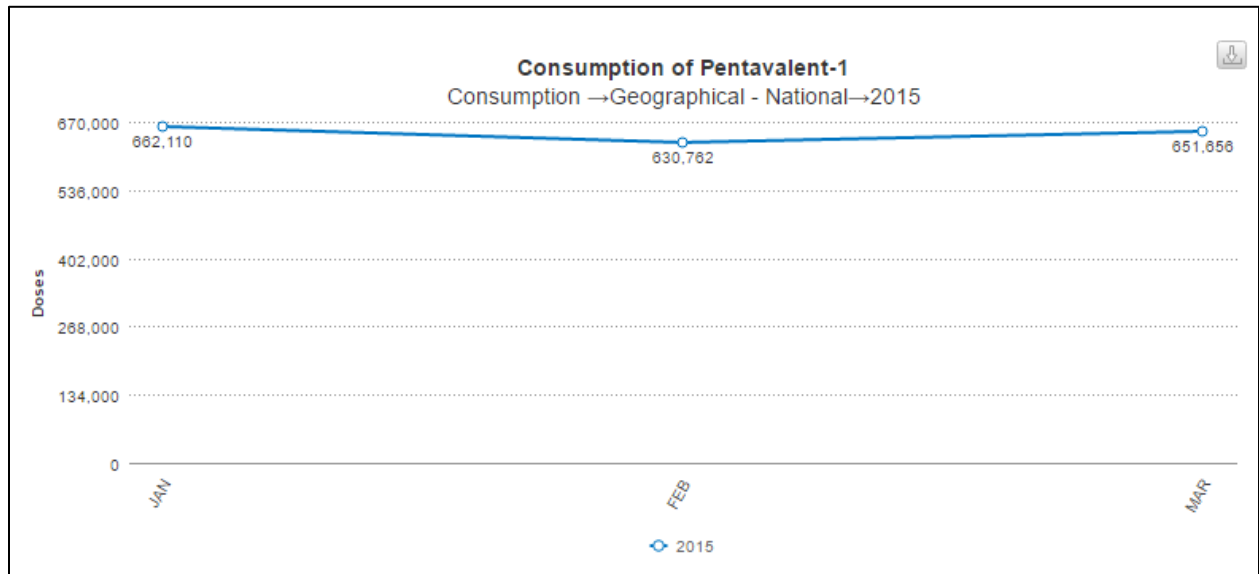
2015 ▼

Chart Type

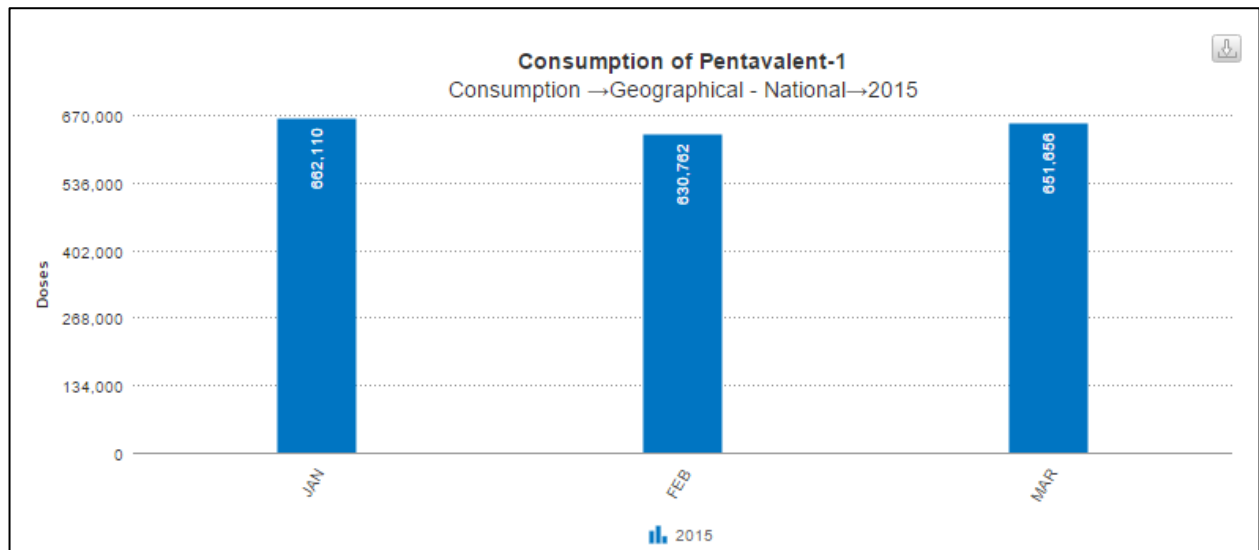
Line ▼

Submit 

A generated line graph is shown in the image below:

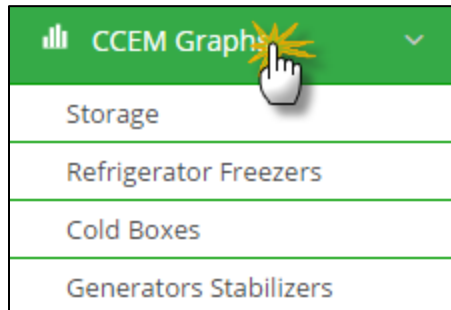


If the user selects Bar chart, the graph displays as shown below:



CCEM Graphs

Clicking on **CCEM Graph** menu displays the list of Graphs related to cold-chain equipment management, as shown in the image below:

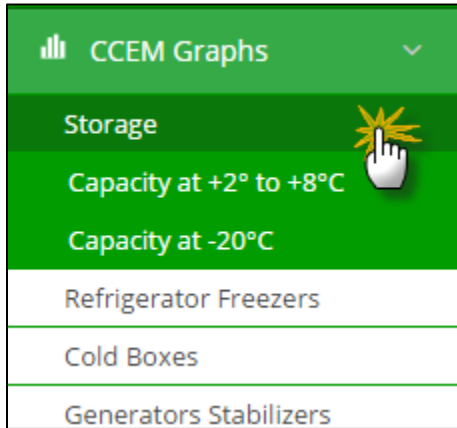


There are the following different types of graph reports:

- **Storage:** enables you to compare different indicators to determine capacity.
- **Refrigerator Freezers:** enables you to the status of refrigerators and freezers.
- **Cold Boxes:** enables you to determine the status of cold-boxes.
- **Generators Stabilizers:** enables you to determine the status of generators and stabilizers.

Storage

Clicking on **Storage** sub-menu displays the list of Graphs related to storage management, as shown in the image below:



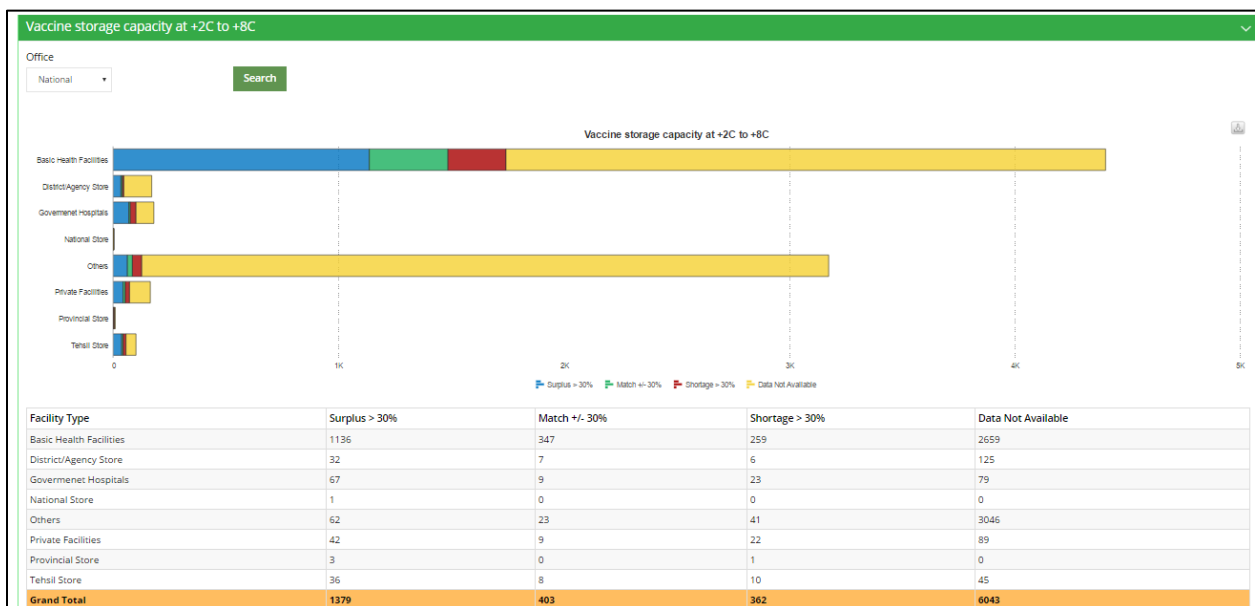
Capacity at +2c to +8c

User can select following filters according to their requirements. Available filters are as follows:

1. Office
2. Province
3. District

Click **Search**.

The desired graph is displayed as follows:



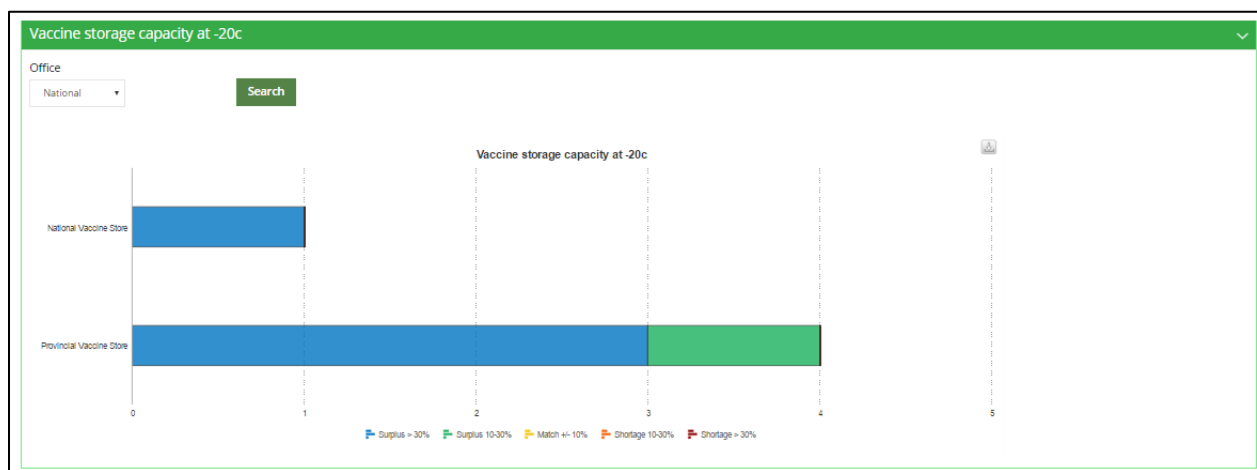
Capacity at -20C

User can select following filters according to their requirements. Available filters are as follows:

1. Office
2. Province
3. District

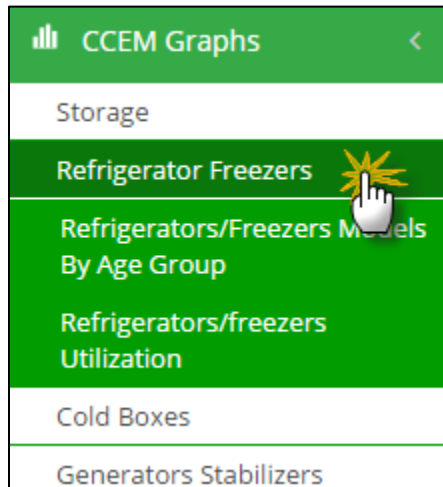
Click **Search**.

The desired graph is displayed as follows:



Refrigerator Freezers

Clicking on Refrigerator Freezers sub-menu displays the list of Graphs related to cold-chain equipment management, as shown in the image below:



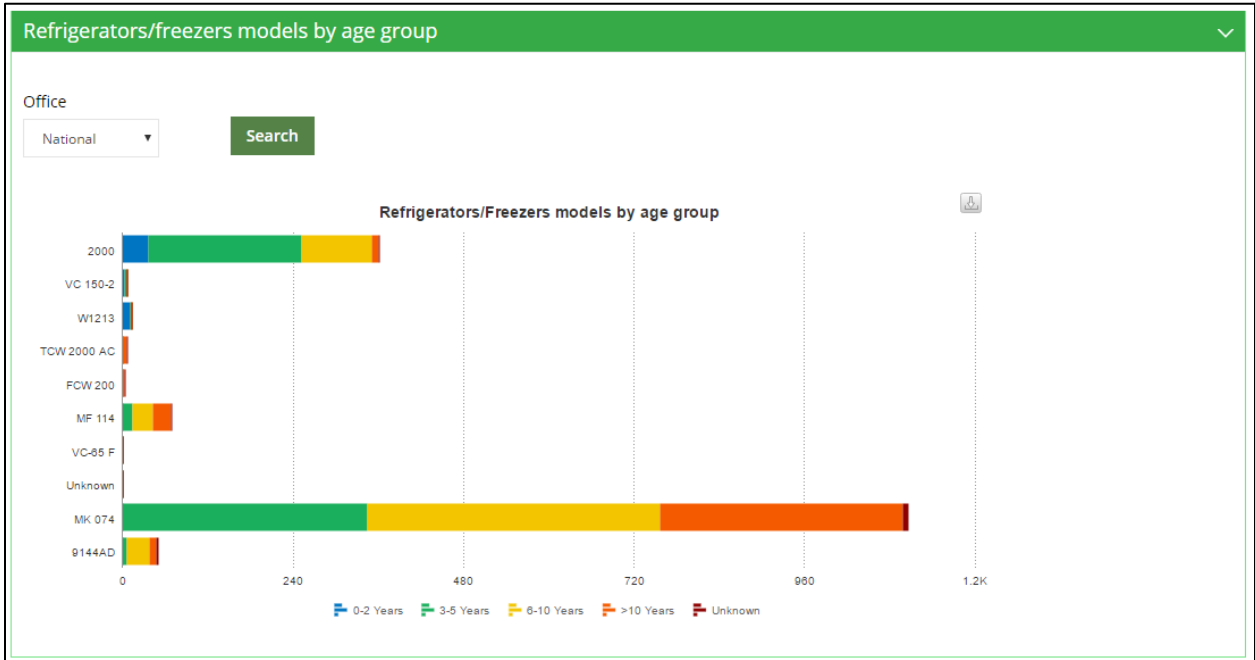
Refrigerators / Freezers Model By Age Group

User can select following filters according to their requirements. Available filters are as follows:

- 1. Office
- 2. Province
- 3. District

Click **Search**.

The desired graph is displayed as follows:



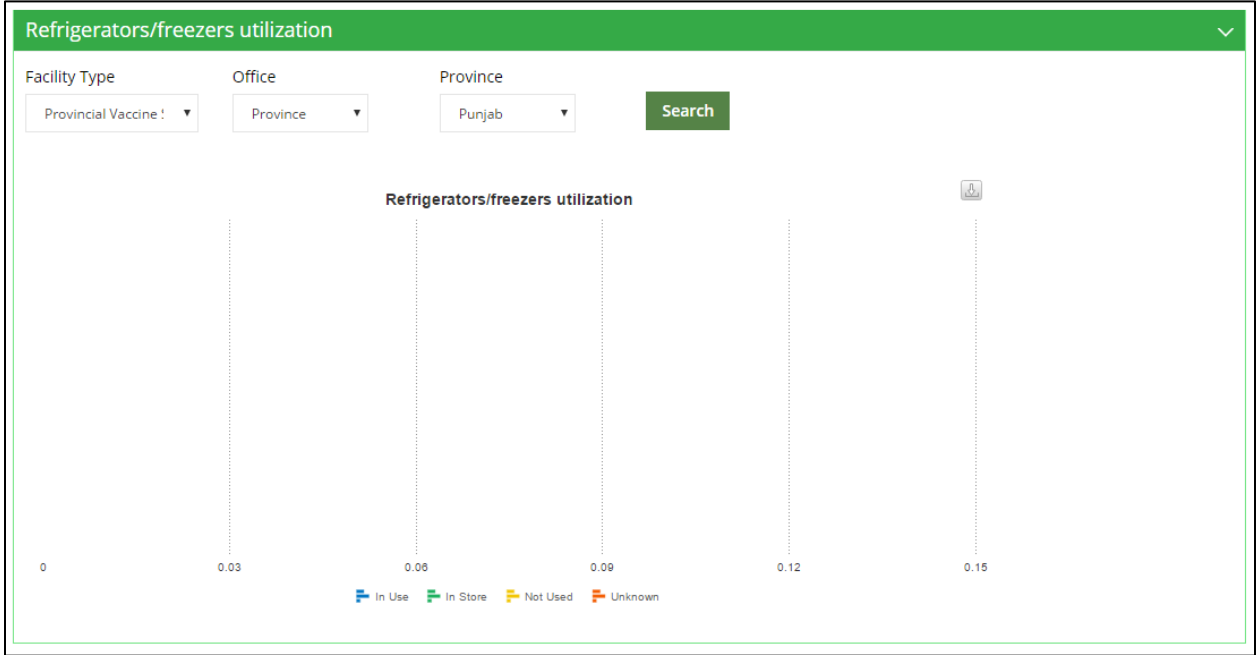
Refrigerators / Freezers Utilization

User can select following filters according to their requirements. Available filters are as follows:

- 1. Facility Type
- 2. Office
- 3. Province
- 4. District

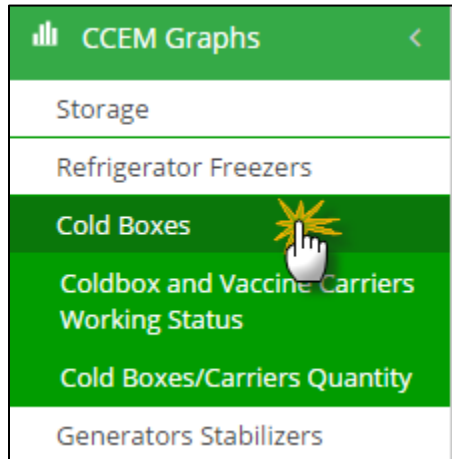
Click **Search**.

The desired graph is displayed as follows:



Cold Boxes

Clicking on **Cold Boxes** sub-menu displays the list of Graphs related to cold-chain equipment management, as shown in the image below:



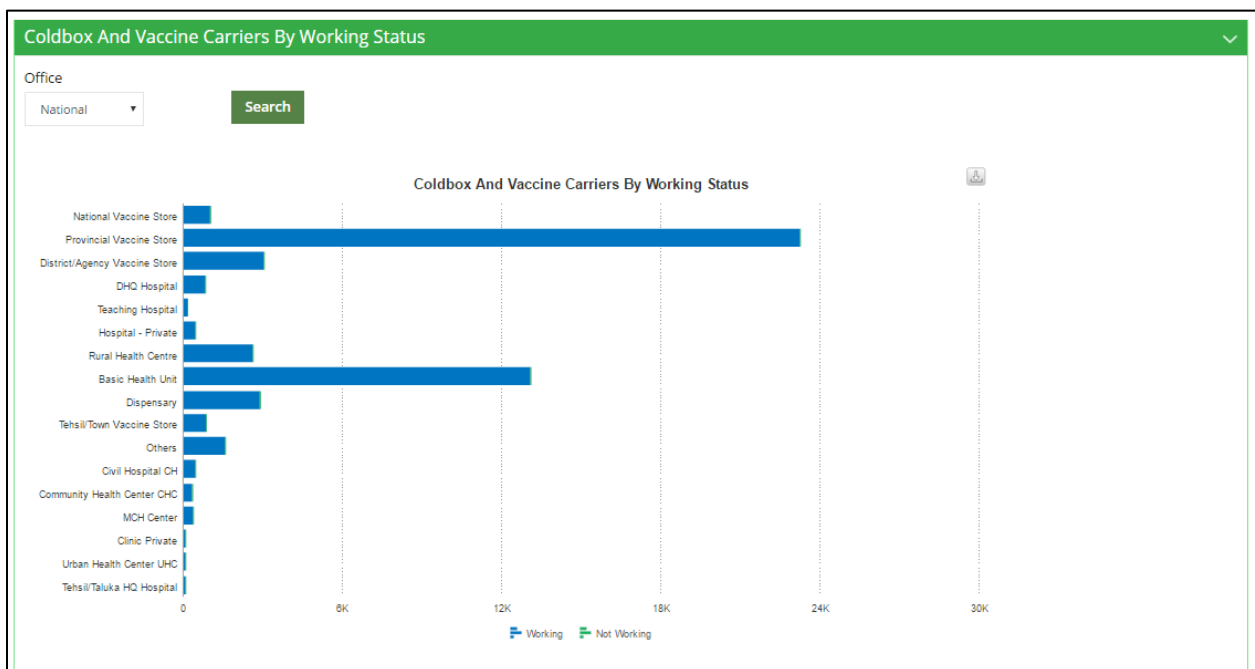
Cold-box and Vaccine Carriers Working Status

User can select following filters according to their requirements. Available filters are as follows:

1. Office
2. Province
3. District

Click **Search**.

The desired graph is displayed as follows:



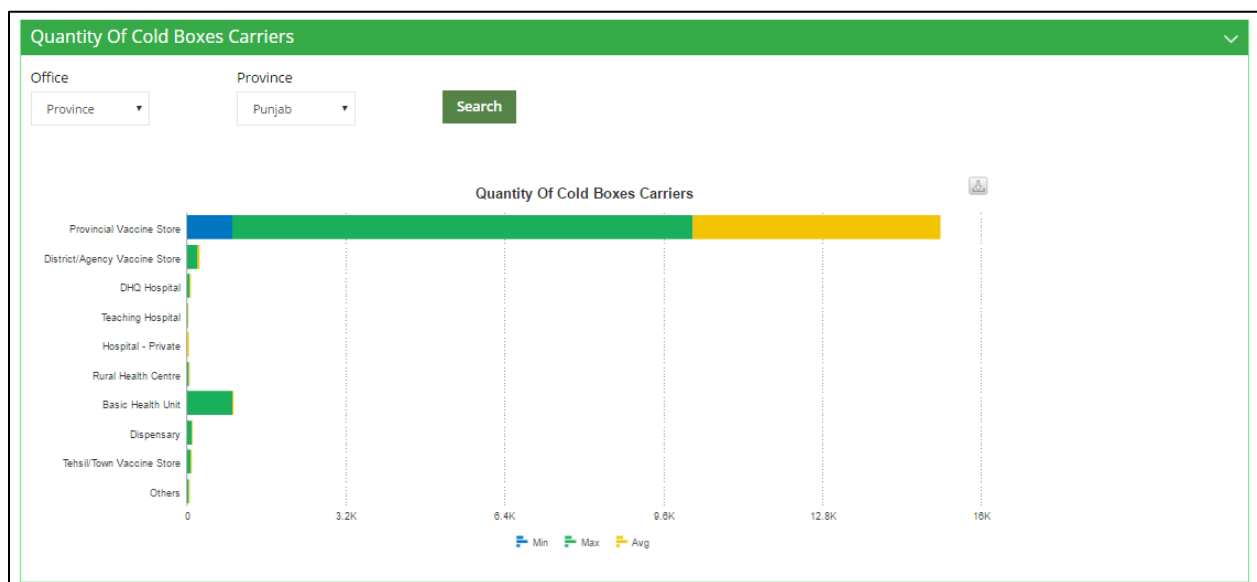
Cold-boxes / Carrier Quantity

User can select following filters according to their requirements. Available filters are as follows:

1. Office
2. Province
3. District

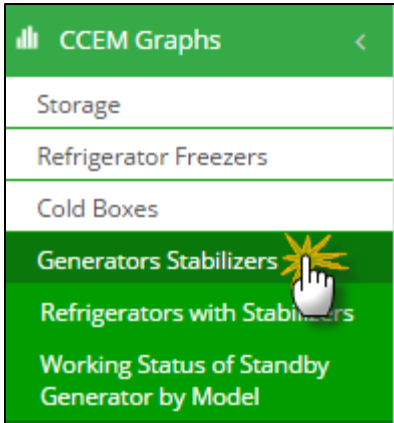
Click **Search**.

The desired graph is displayed as follows:



Generators Stabilizers

Clicking on **Generators Stabilizers** sub-menu displays the list of Graphs related to cold-chain equipment management, as shown in the image below:



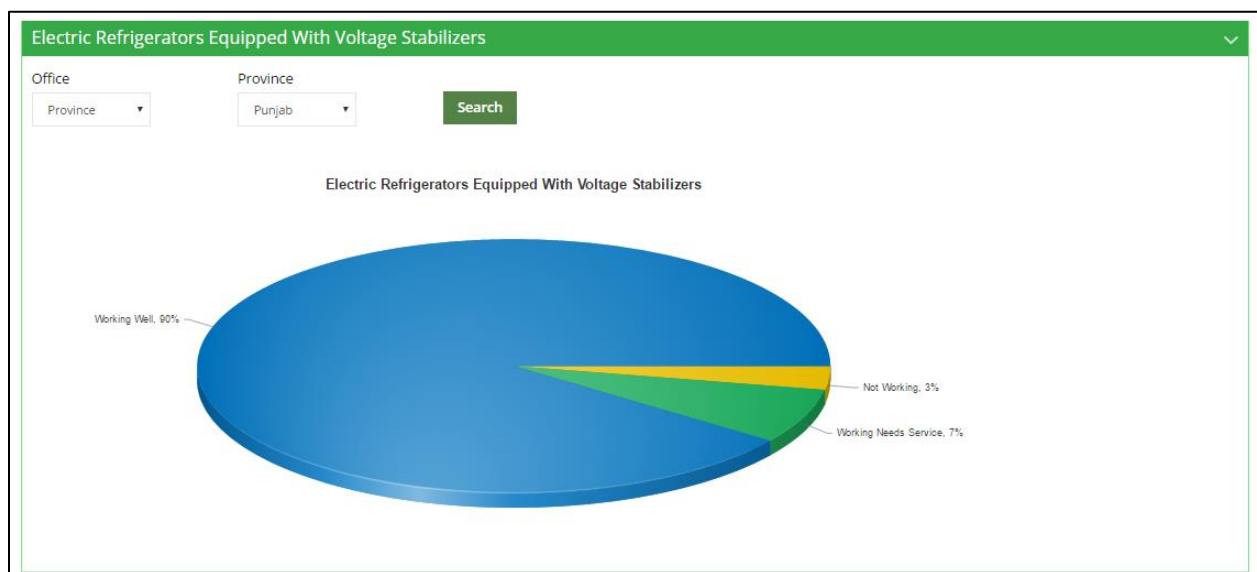
Refrigerators with Stabilizers

User can select following filters according to their requirements. Available filters are as follows:

1. Office
2. Province
3. District

Click **Search**.

The desired graph is displayed as follows:



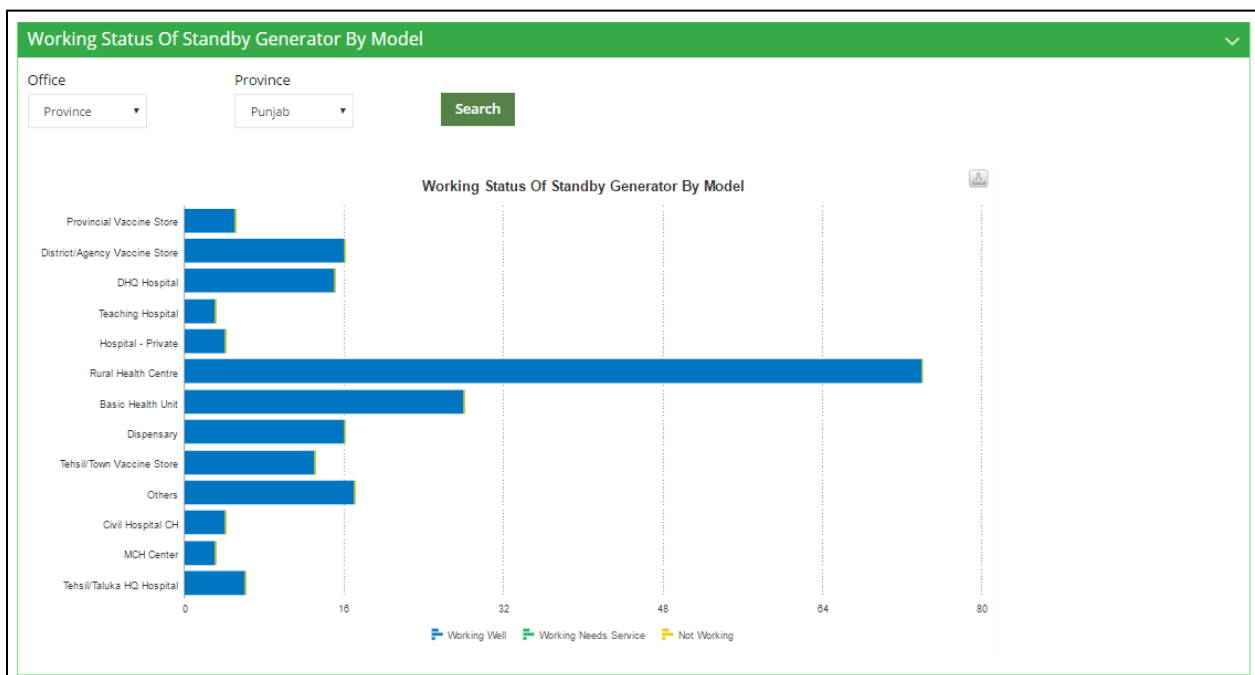
Working Status of Standby Generator by Model

User can select following filters according to their requirements. Available filters are as follows:

4. Office
5. Province
6. District

Click **Search**.

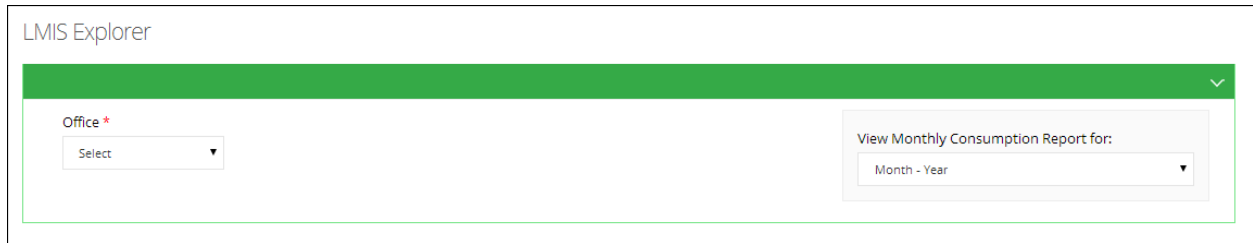
The desired graph is displayed as follows:



vLMIS Explorer

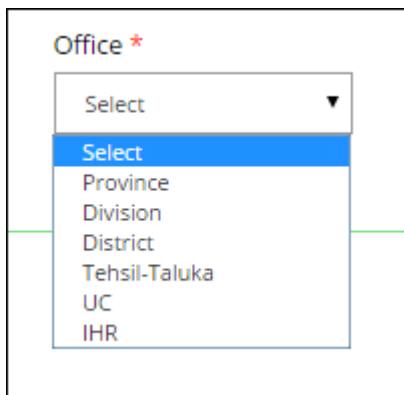
The LMIS explorer enables you to view the previously submitted Monthly Report data for the selected store and the specified month - year.

Click **vLMIS Explorer** in the side-bar to open the vLMIS Explorer:



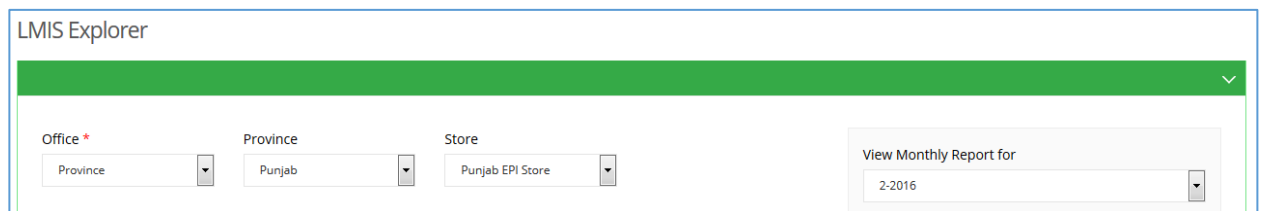
To view the Monthly Report data using vLMIS Explorer:

1. In LMIS Explorer page, click **Office** drop-down list:



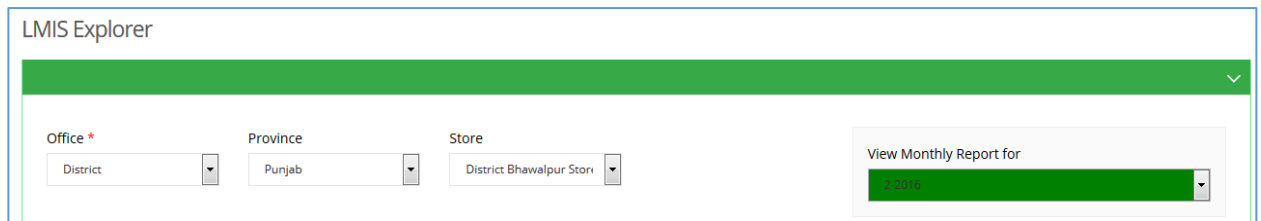
Province

If **Province** is selected in the **Office** drop-down list, the **Province** and **Store** dropdown is displayed for the selection, as shown in the image below:



District

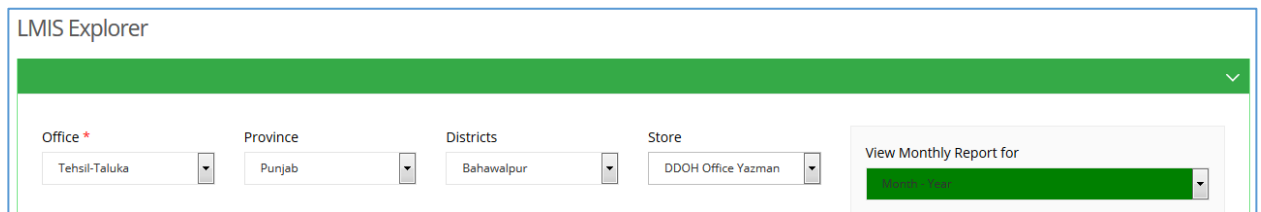
If **District** is selected in the **Office** drop-down list, the **Province** and **Store** dropdown is displayed for the selection, as shown in the image below:



The screenshot shows the 'LMIS Explorer' interface. At the top is a green header bar with a downward arrow. Below it, there are three dropdown menus: 'Office *' with 'District' selected, 'Province' with 'Punjab' selected, and 'Store' with 'District Bhawalpur Store' selected. To the right of these is a 'View Monthly Report for' dropdown menu with a green bar and a downward arrow.

Tehsil - Taluka

If **Tehsil - Taluka** is selected in the **Office** drop-down list, the **Province** dropdown is displayed for selecting the Province. On selecting the Province, the **District** drop-down is displayed for selecting the district. On selecting the District, **Store** drop-down displays for selecting the required store.



The screenshot shows the 'LMIS Explorer' interface. At the top is a green header bar with a downward arrow. Below it, there are four dropdown menus: 'Office *' with 'Tehsil-Taluka' selected, 'Province' with 'Punjab' selected, 'Districts' with 'Bahawalpur' selected, and 'Store' with 'DDOH Office Yazman' selected. To the right of these is a 'View Monthly Report for' dropdown menu with a green bar and a downward arrow.

UC

If **UC** is selected in the **Office** drop-down list, the **Province** dropdown is displayed for selecting the Province. On selecting the Province, the **District** drop-down will be displayed for selecting the District. The **Health Facility** drop-down displays for selecting the required health facility within the selected district, as shown in the image below:



The screenshot shows the 'LMIS Explorer' interface. At the top is a green header bar with a downward arrow. Below it, there are four dropdown menus: 'Office *' with 'UC' selected, 'Province' with 'Punjab' selected, 'Districts' with 'Bahawalpur' selected, and 'Health Facility' with 'BHU 1/DNB' selected. To the right of these is a 'View Monthly Report for' dropdown menu with a green bar and a downward arrow.

2. In **View Monthly Consumption Report for:** drop-down list, select the Month and Year for which you want to view the report.

The image shows a screenshot of a web application interface. At the top, there is a label "View Monthly Consumption Report for:" followed by a dropdown menu. The dropdown menu is currently open, displaying a list of options. The first option, "Month - Year", is highlighted with a blue background. Below it, the list continues with "8-2014", "7-2014", "6-2014", "5-2014", "4-2014", "3-2014", "2-2014", "1-2014", "12-2013", and "11-2013".

Month - Year
Month - Year
8-2014
7-2014
6-2014
5-2014
4-2014
3-2014
2-2014
1-2014
12-2013
11-2013

The Monthly Report displays:

LMIS Explorer

Office * UC Province Punjab Districts Bahawalpur Health Facility BHU 1/DNB View Monthly Report for [Month]

Monthly Consumption Report (Dec-2013) - Last Reporting date : 28/12/2015

Product	Opening Balance Doses/Pcs	Received Doses/Pcs	Dispensed Doses/Pcs	Vials Used Vials/Pcs	Unusable Vials Vials/Pcs	Closing Balance Doses/Pcs	Nearest Expiry
IPV	0	0	0	0	0	0	
tOPV	0	0	0	0	0	0	
Meningococcal	0	0	0	0	0	0	
BCG-20	0	0	0	0	0	0	
Pentavalent-1	0	0	0	0	0	0	
Pneumococcal-2 (PCV10)	0	0	0	0	0	0	
Measles-10	0	0	0	0	0	0	
TT-1	0	0	0	0	0	0	
TT-10	0	0	0	0	0	0	
TT-20	0	0	0	0	0	0	
AD Syringe 0.5ml	0	0	0	0	0	0	
AD Syringe 0.05ml	0	0	0	0	0	0	
Recon. Syr 5ml	0	0	0	0	0	0	
Recon. Syr 2ml	0	0	0	0	0	0	
Vitamin A Red Capsule	0	0	0	0	0	0	
Vitamin A Blue Capsule	0	0	0	0	0	0	
Safety Box	1	0	0	0	0	1	
Dropper	0	0	0	0	0	0	

Print

You can change the selections in the filter as required to view Monthly Report for any other location or time period.

Consumption User - Tehsil

4

in Vaccine Logistics Management Information System

This section explains the overview of the EPI Users (Tehsil) and describes the tasks need to be performed using Vaccine Logistics Management Information System.

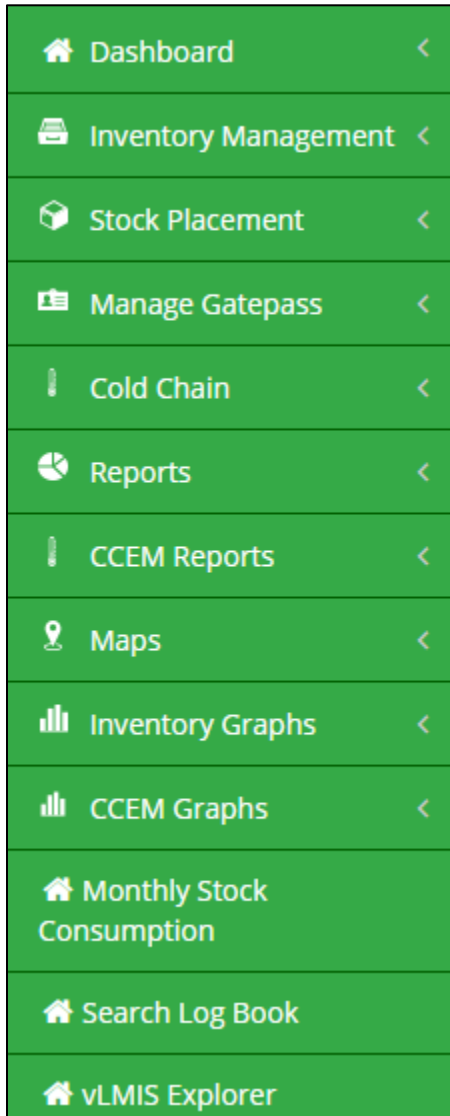
Consumption User - Tehsil Level

Logging in to the Tehsil User account displays the account's Home page screen as shown below:

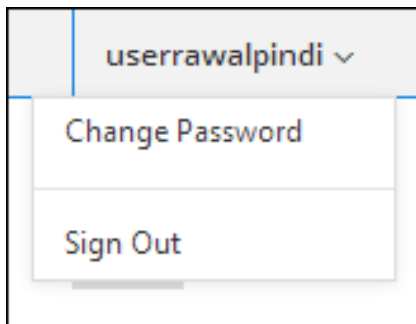
The screenshot shows the home page of the VLMIS system. At the top, there is a navigation bar with a home icon and the text 'Home', and a user profile dropdown labeled 'userthshujabad'. Below the navigation bar, a red notification banner reads: 'Pending Vouchers for DDOH Office Shujabad : I16020001, I15120007, I15120008, I16010007, I16020003'. The main content area is titled 'Dashboard' and includes a welcome message: 'Welcome, DDOH Office Shujabad!' and a 'Getting Started' link. Below this is the VLMIS logo. The dashboard is divided into four main sections, each with a title, description, and a list of 'To do's' items:

- Inventory Report**: Enter the monthly inventory report for the assigned stores.
 - Consumption Data
 - Stock Transfer
 - Cold Chain Status
- Monthly Reports**: View monthly reported data for all of the reporting levels.
 - National Report
 - Provincial Report
 - District Report
 - Tehsil Report
 - UC Report
- Annual Reports**: View annual report for the central, provincial and district level.
 - Central/Provincial
 - Warehouse Report
 - District Annual Report
 - Sub-District Annual Report
- Graph Reports**: View simple graphs of indicators or compare these for data analysis.
 - Simple Graphs
 - Comparison Graphs

On the left side of the dashboard screen, the EPI user will see the following tabs:



User can sign out of the application by using the following link on the right side of the screen.



Tehsil User screen includes the following features:

- **Dashboards:** User can view dashboards containing graphs, maps and analytical reports by using this tab.
- **Inventory Management:** enables the user to manage the stock in the inventory. Tehsil users can also issue stock to tehsil level stores / facilities as well as send the stock back to the upper level facility/store.
- **Stock Placement:** enables the user to manage stock locations within the store.
- **CCEM:** enables the account user to report the cold chain asset's status of the assigned stores, which helps identify the working condition of the cold-chain machine.
- **Reports:** user can view the data analysis reports for data analysis. Refer to the "Reports" section for details.
- **CCEM Reports:** user can view the data analysis reports for cold chain equipment. Refer to the "CCEM Reports" section for details.
- **Maps:** enables user to view the geographical maps. Refer to the "Maps" section for details.
- **IM Graphs:** user can view graph comparison reports for comparing and analyzing data. Refer to the "IM Graphs" section for details.
- **CCEM Graphs:** user can view CCEM graphs for analyzing data. Refer to the "CCEM Graphs" section for details.
- **Monthly Stock Consumption:** Tehsil users can collect data from the assigned stores during the month and then compiles and calculates it to add it to the monthly inventory report.
- **vLMIS Explorer:** user can also view the previously submitted Monthly Report data for the selected store and the specified month - year.

Monthly Stock Consumption

Monthly stock consumption is an important indicator that is calculated manually during the month. The EPI Tehsil store/ Cluster Lead operator collects data from the assigned UCs/EPI Centers during the month and then compiles and calculates it to add it to the monthly consumption report.

Tehsil / Cluster Lead operator will enter data in vLMIS according to the individually defined EPI Centers. Data can be entered for each month on or after the 1st date of the next month. Data entry operators can edit data for the last entered month for that store / facility.

Vaccine Consumption Data Entry Fields for Operators

The following 4 main data entry sections are included in the vaccine consumption data entry:

System is showing month, year, district, tehsil and UC along-with the reporting EPI Center name. The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Month	March	Year	2014
District	Behawalpur	Taluka	Yazman
UC	1/DNB	EPI Center	BHU 1/DNB
Outreach Vaccination Session			
Planned		Actually Held	
0		0	

For Sindh users, following screen will be displayed:

Month	February	Year	2016
District	Qambar	Taluka	Qambar
UC	BER	EPI Center	BHU Ghatahar
Fixed Vaccinations Sessions		Outreach Vaccination Session	
Planned	Actually Held	Planned	Actually Held
0	0	0	0

Add the monthly targets in the following fields:

Monthly Targets:

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

MONTHLY TARGETS	
Total Population of UC	0
Pregnant Women	0
Children Live Birth	0
Surviving Children (0-11 M)	0
Children Aged (12-23 M)	0

For Sindh users, following screen will be displayed:

MONTHLY TARGETS	
CBAs	0
Pregnant Women	0
Children Live Birth	0
Surviving Children (0-11 M)	0
Children Aged (12-23 M)	0
2 year and Above	0

- Total Population of UC
- Pregnant Women
- Live Birth (For BCG)
- Surviving Children (0-11 M)
- Children Aged (12-23 M)

Routine Immunization:

Perform data entry for vaccines. Enter data in the following fields:

- Opening Balance (Doses)
- Received (Doses)
- Number of Children Vaccinated (0-11 Months)
 - Fixed number of children vaccinated inside/outside UC (Males and Females)
 - Outreach number of children vaccinated inside/outside UC (Males and Females)
- Number of Children Vaccinated (12-23 Months)
 - Fixed number of children vaccinated inside/outside UC (Males and Females)

- Outreach number of children vaccinated inside/outside UC (Males and Females)
- 2 Years and Above
 - Fixed number of children vaccinated inside/outside UC (Males and Females)
 - Outreach number of children vaccinated inside/outside UC (Males and Females)
- Unusable (Doses): Enter the number of unusable vaccine in doses
- Closing Balance (Doses): Enter the closing balance in doses.

Routine Immunization Monthly Vaccination Reporting Form (Mar-2014)																																	
Refresh Closing Balance from previous month																																	
Product	Opening Balance (Doses)	Received (Doses)	#	Number of Children Vaccinated (0-11 Months)												Number of Children Vaccinated (12-23 Months)								2 Years and Above								Unusable (Doses)	Closing Balance (Doses)
				Fixed				Outreach				Fixed				Outreach				Fixed				Outreach									
				Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC							
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
BCG-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
sPV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pertussis-1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
			3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pneumococcal-2 (PCV13)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
			3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IPV	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Measles-10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Rota	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
TT Coverage	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

TT Coverage:

Enter the TT Coverage data in the following fields:

- Opening Balance (Doses)
- Received (Doses)
- Pregnant Women (Vaccinated Inside/Outside UC)
- CBAs (Vaccinated Inside/Outside UC)
- Closing Balance (Doses)
- Unusable (Doses)

TT- Coverage									
Product	Opening Balance (Doses)	Received (Doses)	S. No	Pregnant Women		CBAs		Unusable (Doses)	Closing Balance (Doses)
				Inside UC	Outside UC	Inside UC	Outside UC		
TT-20	0	0	1	0	0	0	0	0	0
			2	0	0	0	0		
			3	0	0	0	0		
			4	0	0	0	0		
			5	0	0	0	0		
			Total	0	0	0	0		

Other Items:

Perform data entry for other items and enter data in the following fields:

- Opening Balance (No)
- Received (No)
- Dispensed (No)
- Closing Balance (No)

Other Items				
Product	Opening Balance (No)	Received (No)	Dispensed (No)	Closing Balance (No)
DIL-BCG-20	0	0	0	0
DIL-Measles-10	5	0	0	0
AD Syringe 0.5ml	129	0	0	0
AD Syringe 0.05ml	0	0	0	0
Recon. Syr 5ml	13	0	0	0
Recon. Syr 2ml	0	0	0	0
Safety Box	1	0	0	0
Ice Packs(0.5)	32			32
Ice Packs(0.9)	8			8
Vaccine Carriers-Cold Boxes(Carrier)	2			2
Vaccine Carriers-Cold Boxes(Rotary International)	16			16
Stabilizers(Unknown)	1			1

Click on the **“Save”** button to save the consumption reporting data. User can also go back to the main Monthly Consumption screen by clicking **“Go back to main”** button.

To add the monthly stock consumption report:

1. Sign in to the Tehsil User account.
User Home page displays.
2. From the left menu, click **Monthly Stock Consumption**.
The Monthly Consumption page displays.
3. The reports for the previous and the current month in the tehsil will be displayed.
4. Click the month for which you want to view or update report from the **Reporting Months** column.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Consumption Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months <small>Click month to add/view reported data</small>	Last Update
1	1/DNB	BHU 1/DNB	Dec-13 Jan-14 (Draft) Feb-14 (Draft) Add Mar-14 Report	12/04/2016

The below screen will be displayed to Sindh Users:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months <small>Click month to add/view reported data</small>	Last Update
1	BER	BHU Ghatahar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
2	Boohar	BHU Thori Bijar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
3	Boohar	GD Noor Ahmed Shaikh	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
4	Do	BHU Gogharo	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
5	Kalar	BHU Muhammad Ali Gurmani	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	13/07/2015
6	Khair Pur Joso	BHU Khairpur Joso	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	10/02/2016
7	Qambar-II	Town Centre II	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
8	Qambar-III	GD Chajjira	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
9	Ranwati	BHU Kot Ghulam Shah	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	05/08/2015

Update Consumption Report

To update the monthly consumption report, user can select the report from the reporting month column.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Consumption Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months Click month to add/view reported data	Last Update
1	1/DNB	BHU 1/DNB	Dec-13 Jan-14 (Draft) Feb-14 (Draft) Add Mar-14 Report	12/04/2016

The below screen will be displayed to Sindh Users:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months Click month to add/view reported data	Last Update
1	BER	BHU Ghatahar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
2	Boohar	BHU Thori Bijar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
3	Boohar	GD Noor Ahmed Shaikh	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
4	Do	BHU Goghara	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	06/08/2015
5	Kalar	BHU Muhammad Ali Gurmani	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	10/02/2016
6	Khair Pur Joso	BHU Khairpur Joso	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	10/02/2016
7	Qambar-II	Town Centre II	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
8	Qambar-III	GD Chajjira	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	19/11/2015
9	Ranwati	BHU Kot Ghulam Shah	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016

An editable report from the selected month will be displayed.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Month	March	Year	2014	MONTHLY TARGETS			
District	Bahawalpur	Taluka	Yazman	Total Population of UC	0		
UC	1/DNB	EPI Center	BHU 1/DNB	Pregnant Women	0		
Outreach Vaccination Session				Children Live Birth	0		
Planned		Actually Held		Surviving Children (0-11 M)	0		
0		0		Children Aged (12-23 M)	0		

Routine Immunization Monthly Vaccination Reporting Form (Mar-2014)																																	
Refresh Closing Balance from previous month																																	
Product	Opening Balance (Doses)	Received (Doses)	#	Number of Children Vaccinated (0-11 Months)								Number of Children Vaccinated (12-23 Months)								2 Years and Above								Unusable (Doses)	Closing Balance (Doses)				
				Fixed				Outreach				Fixed				Outreach				Fixed				Outreach									
				Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC										
BCG-20	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
dPV	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Pentavalent-1	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0
Pneumococcal-2 (PCV10)	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
IPV	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Measles-10	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Rota	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
dT	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0				
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0

TT- Coverage									
Product	Opening Balance (Doses)	Received (Doses)	S. No	Pregnant Women		CBAs		Unusable (Doses)	Closing Balance (Doses)
				Inside UC	Outside UC	Inside UC	Outside UC		
TT-20	0	0	1	0	0	0	0	0	0
			2	0	0	0	0		
			3	0	0	0	0		
			4	0	0	0	0		
			5	0	0	0	0		
			Total	0	0	0	0		

Other Items				
Product	Opening Balance (No)	Received (No)	Dispensed (No)	Closing Balance (No)
DIL-BCG-20	0	0	0	0
DIL-Measles-10	0	0	0	0
AD Syringe 0.5ml	0	0	0	0
AD Syringe 0.05ml	0	0	0	0
Recon. Syr 5ml	0	0	0	0
Recon. Syr 2ml	0	0	0	0
Safety Box	0	0	0	0
Ice Packs(0.2)	5			5
Vaccine Carriers-Cold Boxes(unknown)	3			3

Edit the report as required and click **Save**.

View Consumption Report

Data entry operator in the tehsil and UC can also update data of any previous month in the list. To view the monthly consumption report, user can select the report from the reporting month column.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users

Consumption Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months Click month to add/view reported data	Last Update
1	1/DNB	BHU 1/DNB	Dec-13 | Jan-14 (Draft) | Feb-14 (Draft) | Add Jan-14 Report	12/04/2016

The below screen will be displayed to Sindh Users:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months Click month to add/view reported data	Last Update
1	BER	BHU Ghatahar	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	09/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	05/08/2015
2	Boohar	BHU Thori Bijar	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: Add May-15 | Add Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	-
3	Boohar	GD Noor Ahmed Shaikh	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	09/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	06/08/2015
4	Do	BHU Gogharo	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	09/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	06/08/2015
5	Kalar	BHU Muhammad Ali Gurmani	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	10/02/2016
			Log Book: May-15 | Add Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	13/07/2015
6	Khair Pur Joso	BHU Khairpur Juso	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	10/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	19/11/2015
7	Qambar-II	Town Centre II	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: Add May-15 | Add Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	-
8	Qambar-III	GD Chajjira	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: May-15 | Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	19/11/2015
9	Ranwati	BHU Kot Ghulam Shah	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	05/08/2015

The below screen will be displayed to Sindh Users:

Month	May	Year	2015
District	Badin	Taluka	Badin
UC	Badin-I	EPI Center	BHU Youaf Shah
Fixed Vaccinations Sessions		Outreach Vaccination Session	
Planned	Actually Held	Planned	Actually Held
0	0	0	0

MONTHLY TARGETS	
Children Live Birth	86
Surviving Children (0-11 M)	79
Children Aged (12-23 M)	80
2 year and Above	0
Pregnant Wbmen	88
CBA's	0

Routine Immunization Monthly Vaccination Reporting Form (May-2015)

Refresh Closing Balance from previous month

Product	Opening Balance (Doses)	Received (Doses)	#	Number of Children Vaccinated (0-11 Months)								Number of Children Vaccinated (12-23 Months)								2 Years and Above						
				Fixed				Outreach				Fixed				Outreach				Fixed						
				Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC	Outside UC	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M				
BCG-20	0	140		2	2	0	0	20	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
tOPV	20	340	0	2	2	0	0	22	25	0	0															
			1	4	4	0	0	22	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	4	4	0	0	21	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			3	1	1	0	0	28	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pentavalent-1	50	200	1	4	4	0	0	22	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	4	4	0	0	21	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			3	1	1	0	0	28	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumococcal-2 (PCV10)	26	220	1	4	4	0	0	22	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	4	4	0	0	21	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			3	1	1	0	0	28	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IPV	0	0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Measles-10	0	200	1	10	8	0	0	22	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	0	0	0	0	0	0	0	0	0	4	4	0	0	8	7	0	0	0	0	0	0	0	

TT- Coverage

Product	Opening Balance (Doses)	Received (Doses)	S. No	Pregnant Women	CBA's	Closing Balance (Doses)
TT-20	140	40	1	70	6	40
			2	36	1	
			3	6	1	
			4	0	0	
			5	0	0	
			Total	112	8	

Other Items

Product	Opening Balance (No)	Received (No)	Dispensed (No)	Closing Balance
DIL-BCG-20	0	140	60	80
DIL-Measles-10	0	200	100	100
AD Syringe 0.5ml	90	0	60	30
AD Syringe 0.05ml	800	0	523	277
Recon. Syr 5ml	20	0	10	10
Recon. Syr 2ml	10	0	6	4
Safety Box	6	0	4	2

Save Go back to main

Log Book

Sindh Data entry operator in the tehsil/taluka and UC can also update data in log book. To view the Log Book form, user click the Log Book and add the report of a selected month.

The user can click the month tab in the Log Book row as shown below:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months Click month to add/view reported data	Last Update
1	Nasirabad	RHC Nasirabad	Consumption Reporting: Apr-15 (Draft) May-15 (Draft)	08/05/2015
Log Book: Add Apr-15 Report				-

Log book of children vaccinated from outside UCs will be displayed.

Log book of children vaccinated from outside UCs

Log Book Form For (November-2015) - BHU Ghatahar

Name* Father name* Age(m)* Gender* Contact (Phone No.)*

Province* District* Tehsil Union Council

Dose Number:

BCG Pentavalent PCV-10 Measles tOPV

Vaccinated on (Day) Address* Remarks (max 300 characters) [Save](#)

Log Book

5 records [Export to Excel](#) [Copy Data](#) Search:

S.No	Name	Father Name	Age (Months)	Gender	Contact (Phone No.)	District	Tehsil	Union Council	Vaccination Date	BCG	Pentavalent	PCV-10	Measles	tOPV	Address	Remarks	Action
1	Ali Muhammad	Muhammad Iqbal	1	Male	033355590	Khairpur	Khairpur	Bhurgri	01/11/2015	1	1	1	1	1	Johar Town, Khairpur		✕

Showing 1 to 1 of 1 entries

[Print](#)

The elements of the screen are as following:

- S. No: shows the serial numbers from 1 to 10 for children vaccinated from outside UCs.
- Name: enter the name of the child.
- Father Name: enter the name of the child's father.
- Age: enter the age of the child
- Contact: enter the contact number.
- Address: enter the address.
- District: select the district from the list.
- Union Council: select the union council from the list.
- Date of Vaccination: select the date of vaccination.

- Dose No.: enter the number of dose for the following:
 - BCG – 20
 - Penta – 1
 - PCV10
 - Measles – 10
 - bOPV – 20
- Remarks: enter remarks if any.

Click “Save”.

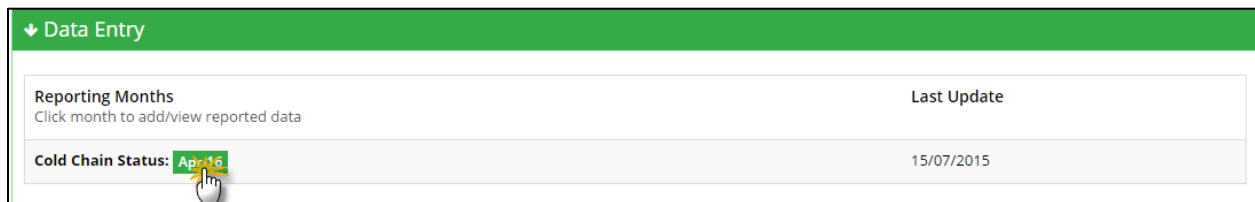
Cold Chain Status Update

The user can update working status of cold chain asset every month.

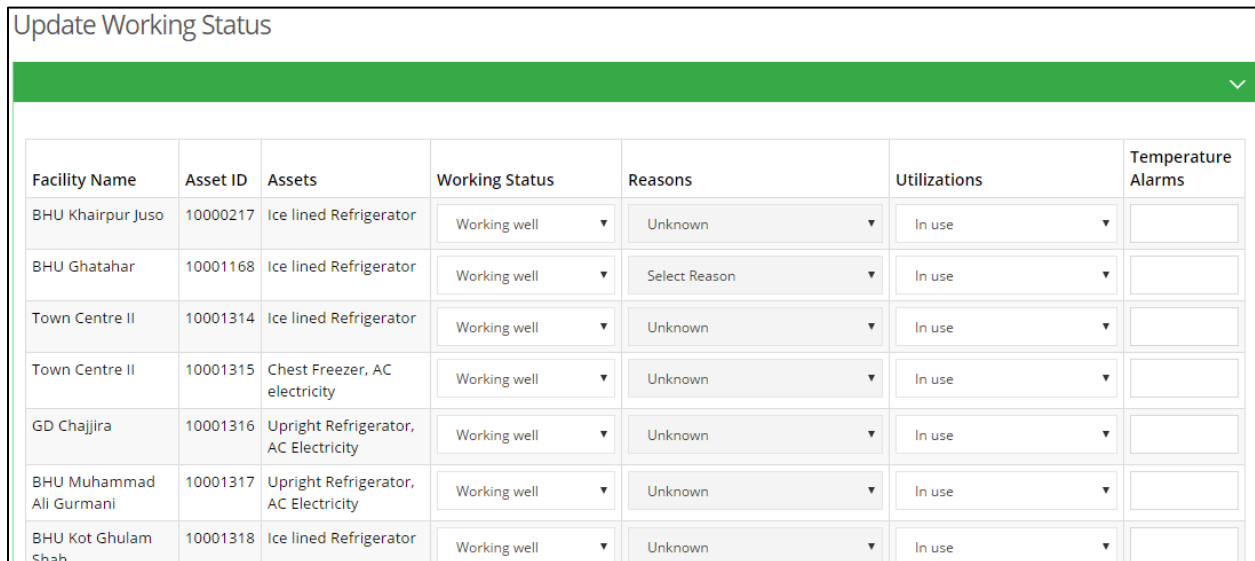
The cold chain status can be updated by clicking the **Cold chain Status Update** tab as shown below:



User can select the month as shown below:



By clicking the month following screen will appear:

A screenshot of the 'Update Working Status' screen. It has a green header with a dropdown arrow. Below is a table with the following columns: Facility Name, Asset ID, Assets, Working Status, Reasons, Utilizations, and Temperature Alarms. The table contains 7 rows of data.

Facility Name	Asset ID	Assets	Working Status	Reasons	Utilizations	Temperature Alarms
BHU Khairpur Juso	10000217	Ice lined Refrigerator	Working well	Unknown	In use	
BHU Ghatahar	10001168	Ice lined Refrigerator	Working well	Select Reason	In use	
Town Centre II	10001314	Ice lined Refrigerator	Working well	Unknown	In use	
Town Centre II	10001315	Chest Freezer, AC electricity	Working well	Unknown	In use	
GD Chajjira	10001316	Upright Refrigerator, AC Electricity	Working well	Unknown	In use	
BHU Muhammad Ali Gurmani	10001317	Upright Refrigerator, AC Electricity	Working well	Unknown	In use	
BHU Kot Ghulam Shah	10001318	Ice lined Refrigerator	Working well	Unknown	In use	

The User can update the following:

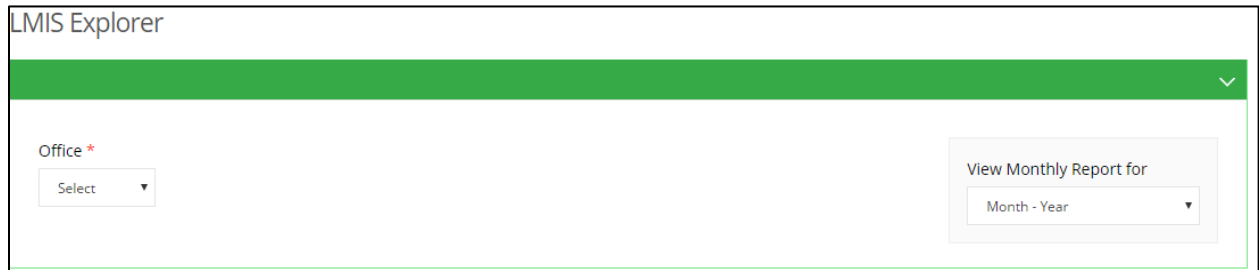
- **Working Status:** select the status of the cold chain asset from the list.
- **Reasons:** select the reasons from the drop down menu.
- **Utilization:** select the utilization of the asset
- **Temperature Alarms:** enter the quantities of temperature alarms

- Click “Update”

vLMIS Explorer

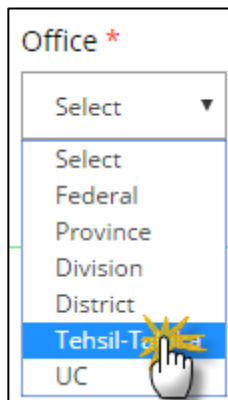
The LMIS explorer enables you to view the previously submitted Monthly Report data for the selected store and the specified month - year.

Click **vLMIS Explorer** in the side-bar to open the vLMIS Explorer:



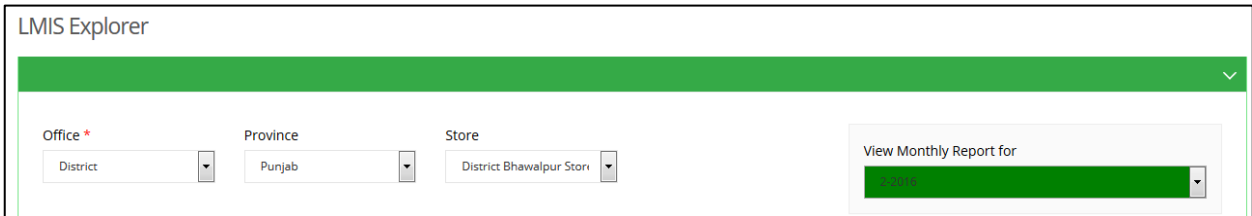
To view the Monthly Report data using vLMIS Explorer:

3. In LMIS Explorer page, click **Office** drop-down list:



District

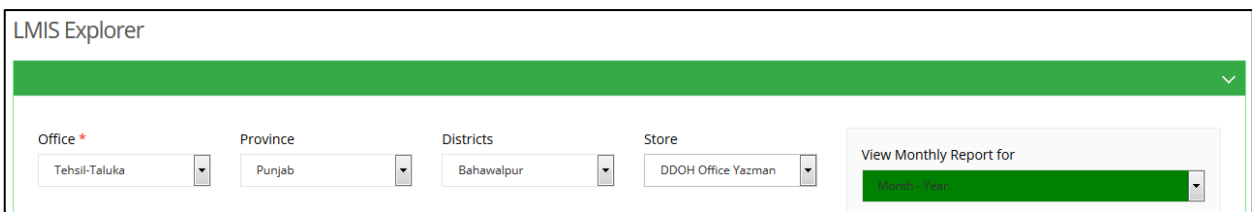
If **District** is selected in the **Office** drop-down list, the **Province** and **Store** dropdown is displayed for the selection, as shown in the image below:



The screenshot shows the 'LMIS Explorer' interface. At the top, there is a green header bar with a downward arrow. Below the header, there are three dropdown menus: 'Office *' with 'District' selected, 'Province' with 'Punjab' selected, and 'Store' with 'District Bahawalpur Store' selected. To the right of these filters is a 'View Monthly Report for' dropdown menu with a green bar and a downward arrow.

Tehsil - Taluka

If **Tehsil - Taluka** is selected in the **Office** drop-down list, the **Province** dropdown is displayed for selecting the Province. On selecting the Province, the **District** drop-down is displayed for selecting the district. On selecting the District, **Store** drop-down displays for selecting the required store.



The screenshot shows the 'LMIS Explorer' interface. At the top, there is a green header bar with a downward arrow. Below the header, there are four dropdown menus: 'Office *' with 'Tehsil-Taluka' selected, 'Province' with 'Punjab' selected, 'Districts' with 'Bahawalpur' selected, and 'Store' with 'DDOH Office Yazman' selected. To the right of these filters is a 'View Monthly Report for' dropdown menu with a green bar and a downward arrow.

UC

If **UC** is selected in the **Office** drop-down list, the **Province** dropdown is displayed for selecting the Province. On selecting the Province, the **District** drop-down will be displayed for selecting the District. The **Health Facility** drop-down displays for selecting the required health facility within the selected district, as shown in the image below:



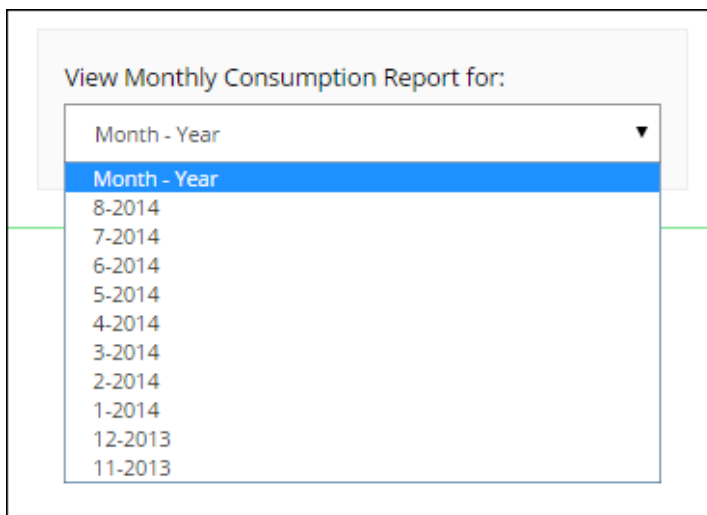
LMIS Explorer

Office * Province Districts Health Facility

UC Punjab Bahawalpur BHU 1/DNB

View Monthly Report for

4. In **View Monthly Consumption Report for:** drop-down list, select the Month and Year for which you want to view the report.



View Monthly Consumption Report for:

Month - Year

Month - Year

8-2014

7-2014

6-2014

5-2014

4-2014

3-2014

2-2014

1-2014

12-2013

11-2013

The Monthly Report displays:

LMIS Explorer

Office * UC Province Punjab Districts Bahawalpur Health Facility BHU 1/DNB View Monthly Report for

Monthly Consumption Report (Dec-2013) - Last Reporting date : 28/12/2015

Product	Opening Balance Doses/Pcs	Received Doses/Pcs	Dispensed Doses/Pcs	Vials Used Vials/Pcs	Unusable Vials Vials/Pcs	Closing Balance Doses/Pcs	Nearest Expiry
IPV	0	0	0	0	0	0	
tOPV	0	0	0	0	0	0	
Meningococcal	0	0	0	0	0	0	
BCG-20	0	0	0	0	0	0	
Pentavalent-1	0	0	0	0	0	0	
Pneumococcal-2 (PCV10)	0	0	0	0	0	0	
Measles-10	0	0	0	0	0	0	
TT-1	0	0	0	0	0	0	
TT-10	0	0	0	0	0	0	
TT-20	0	0	0	0	0	0	
AD Syringe 0.5ml	0	0	0	0	0	0	
AD Syringe 0.05ml	0	0	0	0	0	0	
Recon. Syr 5ml	0	0	0	0	0	0	
Recon. Syr 2ml	0	0	0	0	0	0	
Vitamin A Red Capsule	0	0	0	0	0	0	
Vitamin A Blue Capsule	0	0	0	0	0	0	
Safety Box	1	0	0	0	0	1	
Dropper	0	0	0	0	0	0	

Print

You can change the selections in the filter as required to view Monthly Report for any other location or time period.

Consumption User – Union Council

5

in Vaccine Logistics Management Information System

This section explains the overview of the EPI Users (UC) and describes the tasks need to be performed using Vaccine Logistics Management Information System.


Consumption User - UC Level

Logging in to the UC User account displays the account’s Home page screen by default.





Dashboard

Welcome, RHC Multan!

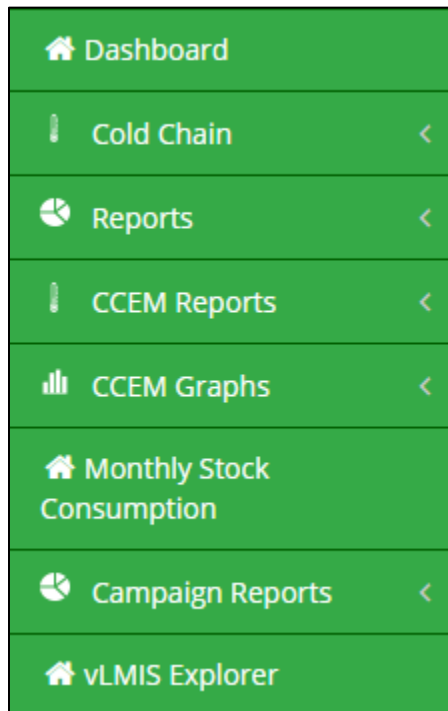
Getting Started



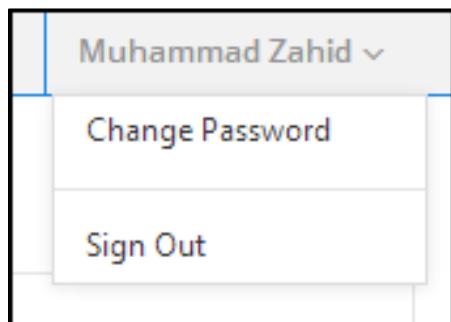
with Vaccine Logistics Management Information System (vLMIS)

 <h4>Inventory Report</h4> <p>Enter the monthly inventory report for the assigned stores.</p> <p>To do's</p> <ul style="list-style-type: none">✓ Consumption Data✓ Stock Transfer✓ Cold Chain Status	 <h4>Monthly Reports</h4> <p>View monthly reported data for all of the reporting levels.</p> <p>To do's</p> <ul style="list-style-type: none">✓ National Report✓ Provincial Report✓ District Report✓ Tehsil Report✓ UC Report	 <h4>Annual Reports</h4> <p>View annual report for the central, provincial and district level.</p> <p>To do's</p> <ul style="list-style-type: none">✓ Central/Provincial✓ Warehouse Report✓ District Annual Report✓ Sub-District Annual Report	 <h4>Graph Reports</h4> <p>View simple graphs of indicators or compare these for data analysis.</p> <p>To do's</p> <ul style="list-style-type: none">✓ Simple Graphs✓ Comparison Graphs
--	---	---	--

On the left side of the dashboard screen, the EPI user will see the following tabs:



User can sign out of the application by using the following link on the right side of the screen.



UC User screen includes the following features:

- **Dashboard:** User can view dashboards containing graphs, maps and analytical reports by using this tab.
- **Cold Chain:** enables the account user to report the cold chain asset's status of the assigned stores, which helps identify the working condition of the cold-chain machine.
- **Reports:** user can view the data analysis reports for data analysis. Refer to the "Reports" section for details.
- **CCEM Reports:** user can view the data analysis reports for cold chain equipment. Refer to the "CCEM Reports" section for details.
- **CCEM Graphs:** user can view CCEM graphs for analyzing data. Refer to the "CCEM Graphs" section for details.
- **Monthly Stock Consumption:** Tehsil users can collect data from the assigned stores during the month and then compiles and calculates it to add it to the monthly inventory report.
- **Campaign Reports:** user can also view analytical reports for the campaigns being conducted. Refer to the "Campaign Reports" section for details.
- **vLMIS Explorer:** user can also view the previously submitted Monthly Report data for the selected store and the specified month - year.

Monthly Stock Consumption

Monthly stock consumption is an important indicator that is calculated manually during the month. The EPI Tehsil store/ Cluster Lead operator collects data from the assigned UCs/EPI Centers during the month and then compiles and calculates it to add it to the monthly consumption report.

Tehsil / Cluster Lead operator will enter data in vLMIS according to the individually defined EPI Centers. Data can be entered for each month on or after the 1st date of the next month. Data entry operators can edit data for the last entered month for that store / facility.

Vaccine Consumption Data Entry Fields for Operators

The following 4 main data entry sections are included in the vaccine consumption data entry:

System is showing month, year, district, tehsil and UC along-with the reporting EPI Center name. The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Month	March	Year	2014
District	Behawalpur	Taluka	Yazman
UC	1/DNB	EPI Center	BHU 1/DNB
Outreach Vaccination Session			
Planned		Actually Held	
0		0	

For Sindh users, following screen will be displayed:

Month	February	Year	2016
District	Qambar	Taluka	Qambar
UC	BER	EPI Center	BHU Ghatahar
Fixed Vaccinations Sessions		Outreach Vaccination Session	
Planned	Actually Held	Planned	Actually Held
0	0	0	0

Add the monthly targets in the following fields:

Monthly Targets:

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

MONTHLY TARGETS	
Total Population of UC	0
Pregnant Women	0
Children Live Birth	0
Surviving Children (0-11 M)	0
Children Aged (12-23 M)	0

For Sindh users, following screen will be displayed:

MONTHLY TARGETS	
CBAs	0
Pregnant Women	0
Children Live Birth	0
Surviving Children (0-11 M)	0
Children Aged (12-23 M)	0
2 year and Above	0

- Total Population of UC
- Pregnant Women
- Live Birth (For BCG)
- Surviving Children (0-11 M)
- Children Aged (12-23 M)

Routine Immunization:

Perform data entry for vaccines. Enter data in the following fields:

- Opening Balance (Doses)
- Received (Doses)
- Number of Children Vaccinated (0-11 Months)
 - Fixed number of children vaccinated inside/outside UC (Males and Females)
 - Outreach number of children vaccinated inside/outside UC (Males and Females)
- Number of Children Vaccinated (12-23 Months)
 - Fixed number of children vaccinated inside/outside UC (Males and Females)

- Outreach number of children vaccinated inside/outside UC (Males and Females)
- 2 Years and Above
 - Fixed number of children vaccinated inside/outside UC (Males and Females)
 - Outreach number of children vaccinated inside/outside UC (Males and Females)
- Unusable (Doses): Enter the number of unusable vaccine in doses
- Closing Balance (Doses): Enter the closing balance in doses.

Routine Immunization Monthly Vaccination Reporting Form (Mar-2014)																																	
Refresh Closing Balance from previous month																																	
Product	Opening Balance (Doses)	Received (Doses)	#	Number of Children Vaccinated (0-11 Months)												Number of Children Vaccinated (12-23 Months)								2 Years and Above								Unusable (Doses)	Closing Balance (Doses)
				Fixed				Outreach				Fixed				Outreach				Fixed				Outreach									
				Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC							
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
BCG-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
sPV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Pertussis-1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pneumococcal-2 (PCV13)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
IPV	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Measles-10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rota	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
diff	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

TT Coverage:

Enter the TT Coverage data in the following fields:

- Opening Balance (Doses)
- Received (Doses)
- Pregnant Women (Vaccinated Inside/Outside UC)
- CBAs (Vaccinated Inside/Outside UC)
- Closing Balance (Doses)
- Unusable (Doses)

TT- Coverage									
Product	Opening Balance (Doses)	Received (Doses)	S. No	Pregnant Women		CBAs		Unusable (Doses)	Closing Balance (Doses)
				Inside UC	Outside UC	Inside UC	Outside UC		
TT-20	0	0	1	0	0	0	0	0	0
			2	0	0	0	0		
			3	0	0	0	0		
			4	0	0	0	0		
			5	0	0	0	0		
			Total	0	0	0	0		

Other Items:

Perform data entry for other items and enter data in the following fields:

- Opening Balance (No)
- Received (No)
- Dispensed (No)
- Closing Balance (No)

Other Items				
Product	Opening Balance (No)	Received (No)	Dispensed (No)	Closing Balance (No)
DIL-BCG-20	0	0	0	0
DIL-Measles-10	5	0	0	0
AD Syringe 0.5ml	129	0	0	0
AD Syringe 0.05ml	0	0	0	0
Recon. Syr 5ml	13	0	0	0
Recon. Syr 2ml	0	0	0	0
Safety Box	1	0	0	0
Ice Packs(0.5)	32			32
Ice Packs(0.9)	8			8
Vaccine Carriers-Cold Boxes(Carrier)	2			2
Vaccine Carriers-Cold Boxes(Rotary International)	16			16
Stabilizers(Unknown)	1			1

Click on the **“Save”** button to save the consumption reporting data. User can also go back to the main Monthly Consumption screen by clicking **“Go back to main”** button.

To add the monthly stock consumption report:

5. Sign in to the Tehsil User account.
User Home page displays.
6. From the left menu, click **Monthly Stock Consumption**.
The Monthly Consumption page displays.
7. The reports for the previous and the current month in the tehsil will be displayed.
8. Click the month for which you want to view or update report from the **Reporting Months** column.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Consumption Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months Click month to add/view reported data	Last Update
1	1/DNB	BHU 1/DNB	Dec-13 Jan-14 (Draft) Feb-14 (Draft) Add Mar-14 Report	12/04/2016

The below screen will be displayed to Sindh Users:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months Click month to add/view reported data	Last Update
1	BER	BHU Ghatahar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
2	Boohar	BHU Thori Bijar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
3	Boohar	GD Noor Ahmed Shaikh	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
4	Do	BHU Gogharo	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
5	Kalar	BHU Muhammad Ali Gurmani	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	13/07/2015
6	Khair Pur Joso	BHU Khairpur Juso	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	10/02/2016
7	Qambar-II	Town Centre II	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
8	Qambar-III	GD Chajjira	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
9	Ranwati	BHU Kot Ghulam Shah	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Books: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	05/08/2015

Update Consumption Report

To update the monthly consumption report, user can select the report from the reporting month column.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Consumption Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months <small>Click month to add/view reported data</small>	Last Update
1	1/DNB	BHU 1/DNB	Dec-13 Jan-14 (Draft) Feb-14 (Draft) Add Mar-14 Report	12/04/2016

The below screen will be displayed to Sindh Users:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months <small>Click month to add/view reported data</small>	Last Update
1	BER	BHU Ghatahar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
2	Boohar	BHU Thori Bijar	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
3	Boohar	GD Noor Ahmed Shaikh	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	09/02/2016
4	Do	BHU Goghara	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	06/08/2015
5	Kalar	BHU Muhammad Ali Gurmani	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	10/02/2016
6	Khair Pur Joso	BHU Khairpur Joso	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	10/02/2016
7	Qambar-II	Town Centre II	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: Add May-15 Add Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
8	Qambar-III	GD Chajjira	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Add Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016
9	Ranwati	BHU Kot Ghulam Shah	Consumption Reporting: Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Add Feb-16 Report Log Book: May-15 Jun-15 Jul-15 Add Aug-15 Add Sep-15 Add Oct-15 Add Nov-15 Add Dec-15 Add Jan-16 Add Feb-16 Add Mar-16 Add Apr-16 Add May-16	11/02/2016

An editable report from the selected month will be displayed.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

Month	March	Year	2014	MONTHLY TARGETS			
District	Bahawalpur	Taluka	Yazman	Total Population of UC	0		
UC	1/DNB	EPI Center	BHU 1/DNB	Pregnant Women	0		
Outreach Vaccination Session				Children Live Birth	0		
Planned		Actually Held		Surviving Children (0-11 M)	0		
0		0		Children Aged (12-23 M)	0		

Routine Immunization Monthly Vaccination Reporting Form (Mar-2014)																																
Refresh Closing Balance from previous month																																
Product	Opening Balance (Doses)	Received (Doses)	#	Number of Children Vaccinated (0-11 Months)								Number of Children Vaccinated (12-23 Months)								2 Years and Above								Unusable (Doses)	Closing Balance (Doses)			
				Fixed				Outreach				Fixed				Outreach				Fixed				Outreach								
				Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC									
BCG-20	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
dPV	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Pentavalent-1	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Pneumococcal-2 (PCV10)	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
IPV	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Measles-10	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Rota	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
dT	0	0	0	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	0	0			
				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0

TT- Coverage									
Product	Opening Balance (Doses)	Received (Doses)	S. No	Pregnant Women		CBAs		Unusable (Doses)	Closing Balance (Doses)
				Inside UC	Outside UC	Inside UC	Outside UC		
TT-20	0	0	1	0	0	0	0	0	0
			2	0	0	0	0		
			3	0	0	0	0		
			4	0	0	0	0		
			5	0	0	0	0		
			Total	0	0	0	0		

Other Items				
Product	Opening Balance (No)	Received (No)	Dispensed (No)	Closing Balance (No)
DIL-BCG-20	0	0	0	0
DIL-Measles-10	0	0	0	0
AD Syringe 0.5ml	0	0	0	0
AD Syringe 0.05ml	0	0	0	0
Recon. Syr 5ml	0	0	0	0
Recon. Syr 2ml	0	0	0	0
Safety Box	0	0	0	0
Ice Packs(0.2)	5			5
Vaccine Carriers-Cold Boxes(unknown)	3			3

Edit the report as required and click **Save**.

View Consumption Report

Data entry operator in the tehsil and UC can also update data of any previous month in the list. To view the monthly consumption report, user can select the report from the reporting month column.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users

Consumption Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months <small>Click month to add/view reported data</small>	Last Update
1	1/DNB	BHU 1/DNB	Dec-13 | Jan-14 (Draft) | Feb-14 (Draft) | Add Jan-14 Report	12/04/2016

The below screen will be displayed to Sindh Users:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months <small>Click month to add/view reported data</small>	Last Update
1	BER	BHU Ghatahar	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	09/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	05/08/2015
2	Boohar	BHU Thori Bijar	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: Add May-15 | Add Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	-
3	Boohar	GD Noor Ahmed Shaikh	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	09/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	06/08/2015
4	Do	BHU Gogharo	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	09/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	06/08/2015
5	Kalar	BHU Muhammad Ali Gurmani	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	10/02/2016
			Log Book: May-15 | Add Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	13/07/2015
6	Khair Pur Joso	BHU Khairpur Juso	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	10/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	19/11/2015
7	Qambar-II	Town Centre II	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: Add May-15 | Add Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	-
8	Qambar-III	GD Chajjira	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: May-15 | Jun-15 | Add Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	19/11/2015
9	Ranwati	BHU Kot Ghulam Shah	Consumption Reporting: Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Add Feb-16 Report	11/02/2016
			Log Book: May-15 | Jun-15 | Jul-15 | Add Aug-15 | Add Sep-15 | Add Oct-15 | Add Nov-15 | Add Dec-15 | Add Jan-16 | Add Feb-16 | Add Mar-16 | Add Apr-16 | Add May-16	05/08/2015

The report for the selected month will be displayed.

The below screen will be displayed to Punjab, Khyber Pakhtunkhwa and Balochistan Users:

EPI
Information Management Systems

Vaccine (vLMIS)
Pakistan Logistics Management Information System

EPI Directory
 Training Manuals

Month	March	Year	2014
District	Bahawalpur	Taluka	Yamman
UC	1DNB	EPI Center	BHU 1DNB
Planned		Actually Held	
0		0	

MONTHLY TARGETS	
Total Population of UC	0
Pregnant Women	0
Children Live Birth	0
Surviving Children (0-11 M)	0
Children Aged (12-23 M)	0

Routine Immunization Monthly Vaccination Reporting Form (Mar-2014)

Refresh County Balance from previous month

Product	Opening Balance (Doses)	Received (Doses)	#	Number of Children Vaccinated (0-11 Months)								Number of Children Vaccinated (12-23 Months)								2 Years and Above								Unusable (Doses)	Closing Balance (Doses)
				Fixed				Outreach				Fixed				Outreach				Fixed				Outreach					
				Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC	Inside UC	Outside UC						
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
BCG-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IOPV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pentavalent-1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pneumococcal-2 (PCV15)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IPV	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Measles-10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rota	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
dt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TT-Coverage

Product	Opening Balance (Doses)	Received (Doses)	S. No	Pregnant Women		CBAs		Unusable (Doses)	Closing Balance (Doses)
				Inside UC	Outside UC	Inside UC	Outside UC		
TT-20	0	0	1	0	0	0	0	0	0
			2	0	0	0	0		
			3	0	0	0	0		
			4	0	0	0	0		
			5	0	0	0	0		
			Total	0	0	0	0		

Other Items

Product	Opening Balance (No)	Received (No)	Dispensed (No)	Closing Balance (No)
DIL-BCG-20	0	0	0	0
DIL-Measles-10	0	0	0	0
AD Syringe 0.5ml	0	0	0	0
AD Syringe 0.05ml	0	0	0	0
Recon. Syr 5ml	0	0	0	0
Recon. Syr 2ml	0	0	0	0
Safety Box	0	0	0	0

Save Go back to main

The below screen will be displayed to Sindh Users:

Month	May	Year	2015
District	Badin	Taluka	Badin
UC	Badin-I	EPI Center	BHU Youaf Shah
Fixed Vaccinations Sessions		Outreach Vaccination Session	
Planned	Actually Held	Planned	Actually Held
0	0	0	0

MONTHLY TARGETS	
Children Live Birth	86
Surviving Children (0-11 M)	79
Children Aged (12-23 M)	80
2 year and Above	0
Pregnant Wbmen	88
CBA's	0

Routine Immunization Monthly Vaccination Reporting Form (May-2015)

Refresh Closing Balance from previous month

Product	Opening Balance (Doses)	Received (Doses)	#	Number of Children Vaccinated (0-11 Months)								Number of Children Vaccinated (12-23 Months)								2 Years and Above					
				Fixed				Outreach				Fixed				Outreach				Fixed					
				Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC		Outside UC		Inside UC	Outside UC
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M			
BCG-20	0	140		2	2	0	0	20	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
tOPV	20	340	0	2	2	0	0	22	25	0	0														
			1	4	4	0	0	22	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	4	4	0	0	21	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			3	1	1	0	0	28	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pentavalent-1	50	200	1	4	4	0	0	22	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	4	4	0	0	21	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			3	1	1	0	0	28	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumococcal-2 (PCV10)	26	220	1	4	4	0	0	22	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	4	4	0	0	21	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			3	1	1	0	0	28	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IPV	0	0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Measles-10	0	200	1	10	8	0	0	22	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			2	0	0	0	0	0	0	0	0	4	4	0	0	8	7	0	0	0	0	0	0	0	

TT- Coverage

Product	Opening Balance (Doses)	Received (Doses)	S. No	Pregnant Women	CBA's	Closing Balance (Doses)
TT-20	140	40	1	70	6	40
			2	36	1	
			3	6	1	
			4	0	0	
			5	0	0	
			Total	112	8	

Other Items

Product	Opening Balance (No)	Received (No)	Dispensed (No)	Closing Balance
DIL-BCG-20	0	140	60	80
DIL-Measles-10	0	200	100	100
AD Syringe 0.5ml	90	0	60	30
AD Syringe 0.05ml	800	0	523	277
Recon. Syr 5ml	20	0	10	10
Recon. Syr 2ml	10	0	6	4
Safety Box	6	0	4	2

Save Go back to main

Log Book

Sindh Data entry operator in the tehsil/taluka and UC can also update data in log book. To view the Log Book form, user click the Log Book and add the report of a selected month.

The user can click the month tab in the Log Book row as shown below:

Data Entry				
#	Union Council	EPI Center / Health Facility	Reporting Months <small>Click month to add/view reported data</small>	Last Update
1	Nasirabad	RHC Nasirabad	Consumption Reporting: Apr-15 (Draft) May-15 (Draft)	08/05/2015
Log Book: Add Apr-15 Report				-

Log book of children vaccinated from outside UCs will be displayed.

Log book of children vaccinated from outside UCs

Log Book Form For (November-2015) - BHU Ghatahar

Name* Father name* Age(m)* Gender* Contact (Phone No.)*

Province* District* Tehsil Union Council

Dose Number:

BCG Pentavalent PCV-10 Measles tOPV

Vaccinated on (Day) Address* Remarks (max. 300 characters)

Log Book

5 records Search:

S.No	Name	Father Name	Age (Months)	Gender	Contact (Phone No.)	District	Tehsil	Union Council	Vaccination Date	BCG	Pentavalent	PCV-10	Measles	tOPV	Address	Remarks	Action
1	Ali Muhammad	Muhammad Iqbal	1	Male	033355590	Khairpur	Khairpur	Bhurgri	01/11/2015	1	1	1	1	1	Johar Town, Khairpur		<input type="button" value="X"/>

Showing 1 to 1 of 1 entries

The elements of the screen are as following:

- S. No: shows the serial numbers from 1 to 10 for children vaccinated from outside UCs.
- Name: enter the name of the child.
- Father Name: enter the name of the child's father.
- Age: enter the age of the child
- Contact: enter the contact number.
- Address: enter the address.
- District: select the district from the list.
- Union Council: select the union council from the list.
- Date of Vaccination: select the date of vaccination.

- Dose No.: enter the number of dose for the following:
 - BCG – 20
 - Penta – 1
 - PCV10
 - Measles – 10
 - bOPV – 20
- Remarks: enter remarks if any.

Click “Save”.

Cold Chain Status Update

The user can update working status of cold chain asset every month.

The cold chain status can be updated by clicking the **Cold chain Status Update** tab as shown below:



User can select the month as shown below:

A screenshot of a "Data Entry" form. It has a green header bar with a dropdown arrow. Below the header, there are two sections. The first section is titled "Reporting Months" and has a sub-label "Click month to add/view reported data". The second section is titled "Cold Chain Status:" and has a dropdown menu currently showing "Apr-16" with a hand cursor icon pointing to it. To the right of this section, there is a "Last Update" field showing the date "15/07/2015".

By clicking the month following screen will appear:

A screenshot of the "Update Working Status" screen. It has a green header bar with a dropdown arrow. Below the header is a table with the following columns: Facility Name, Asset ID, Assets, Working Status, Reasons, Utilizations, and Temperature Alarms. The table contains seven rows of data.

Facility Name	Asset ID	Assets	Working Status	Reasons	Utilizations	Temperature Alarms
BHU Khairpur Juso	10000217	Ice lined Refrigerator	Working well	Unknown	In use	
BHU Ghatahar	10001168	Ice lined Refrigerator	Working well	Select Reason	In use	
Town Centre II	10001314	Ice lined Refrigerator	Working well	Unknown	In use	
Town Centre II	10001315	Chest Freezer, AC electricity	Working well	Unknown	In use	
GD Chajjira	10001316	Upright Refrigerator, AC Electricity	Working well	Unknown	In use	
BHU Muhammad Ali Gurmani	10001317	Upright Refrigerator, AC Electricity	Working well	Unknown	In use	
BHU Kot Ghulam Shah	10001318	Ice lined Refrigerator	Working well	Unknown	In use	

The User can update the following:

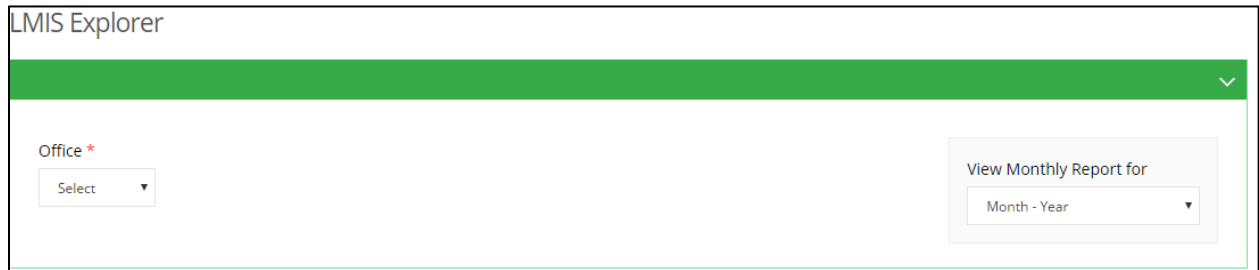
- **Working Status:** select the status of the cold chain asset from the list.
- **Reasons:** select the reasons from the drop down menu.
- **Utilization:** select the utilization of the asset
- **Temperature Alarms:** enter the quantities of temperature alarms

- Click “Update”

vLMIS Explorer

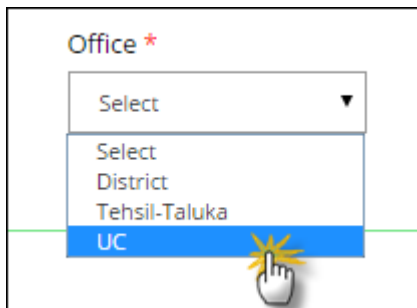
The LMIS explorer enables you to view the previously submitted Monthly Report data for the selected store and the specified month - year.

Click **vLMIS Explorer** in the side-bar to open the vLMIS Explorer:



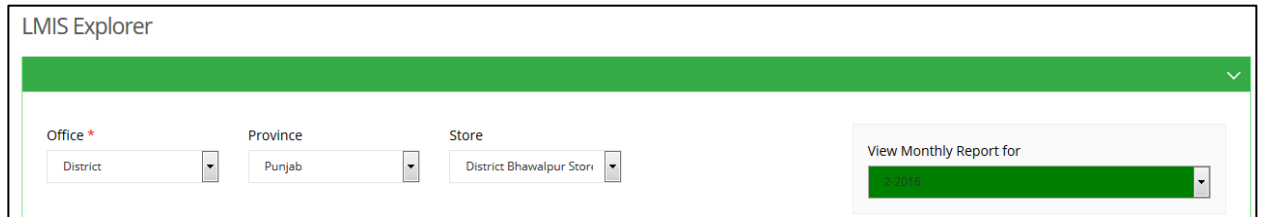
To view the Monthly Report data using vLMIS Explorer:

5. In LMIS Explorer page, click **Office** drop-down list:



District

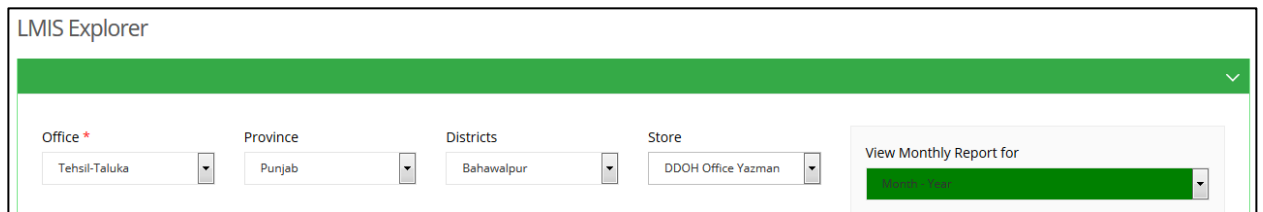
If **District** is selected in the **Office** drop-down list, the **Province** and **Store** dropdown is displayed for the selection, as shown in the image below:



The screenshot shows the 'LMIS Explorer' interface. At the top, there is a green header bar with a dropdown arrow. Below the header, there are three dropdown menus: 'Office *' with 'District' selected, 'Province' with 'Punjab' selected, and 'Store' with 'District Bahawalpur Stori' selected. To the right of these menus is a 'View Monthly Report for' dropdown menu with a green bar and a dropdown arrow.

Tehsil - Taluka

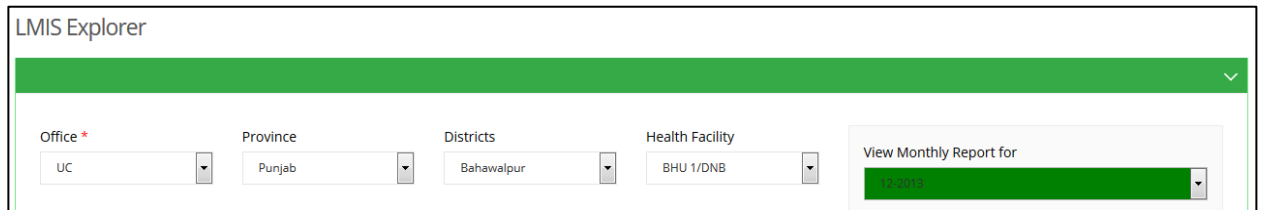
If **Tehsil - Taluka** is selected in the **Office** drop-down list, the **Province** dropdown is displayed for selecting the Province. On selecting the Province, the **District** drop-down is displayed for selecting the district. On selecting the District, **Store** drop-down displays for selecting the required store.



The screenshot shows the 'LMIS Explorer' interface. At the top, there is a green header bar with a dropdown arrow. Below the header, there are four dropdown menus: 'Office *' with 'Tehsil-Taluka' selected, 'Province' with 'Punjab' selected, 'Districts' with 'Bahawalpur' selected, and 'Store' with 'DDOH Office Yazman' selected. To the right of these menus is a 'View Monthly Report for' dropdown menu with a green bar and a dropdown arrow.

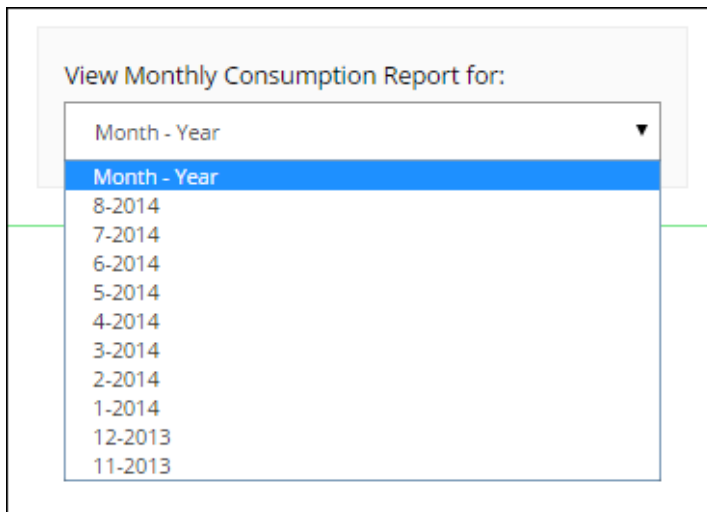
UC

If **UC** is selected in the **Office** drop-down list, the **Province** dropdown is displayed for selecting the Province. On selecting the Province, the **District** drop-down will be displayed for selecting the District. The **Health Facility** drop-down displays for selecting the required health facility within the selected district, as shown in the image below:



The screenshot shows the 'LMIS Explorer' interface. It features a green header bar with a downward arrow. Below the header, there are four dropdown menus: 'Office *' (selected: UC), 'Province' (selected: Punjab), 'Districts' (selected: Bahawalpur), and 'Health Facility' (selected: BHU 1/DNB). To the right of these menus is a 'View Monthly Report for' dropdown menu, which is currently empty.

6. In **View Monthly Consumption Report for:** drop-down list, select the Month and Year for which you want to view the report.



The screenshot shows the 'View Monthly Consumption Report for:' dropdown menu. The menu is open, displaying a list of month-year options. The top option is 'Month - Year' with a downward arrow. Below it, the options are: 8-2014, 7-2014, 6-2014, 5-2014, 4-2014, 3-2014, 2-2014, 1-2014, 12-2013, and 11-2013. The 'Month - Year' option is highlighted in blue.

The Monthly Report displays:

LMIS Explorer

Office * UC Province Punjab Districts Bahawalpur Health Facility BHU 1/DNB View Monthly Report for

Monthly Consumption Report (Dec-2013) - Last Reporting date : 28/12/2015

Product	Opening Balance Doses/Pcs	Received Doses/Pcs	Dispensed Doses/Pcs	Vials Used Vials/Pcs	Unusable Vials Vials/Pcs	Closing Balance Doses/Pcs	Nearest Expiry
IPV	0	0	0	0	0	0	
tOPV	0	0	0	0	0	0	
Meningococcal	0	0	0	0	0	0	
BCG-20	0	0	0	0	0	0	
Pentavalent-1	0	0	0	0	0	0	
Pneumococcal-2 (PCV10)	0	0	0	0	0	0	
Measles-10	0	0	0	0	0	0	
TT-1	0	0	0	0	0	0	
TT-10	0	0	0	0	0	0	
TT-20	0	0	0	0	0	0	
AD Syringe 0.5ml	0	0	0	0	0	0	
AD Syringe 0.05ml	0	0	0	0	0	0	
Recon. Syr 5ml	0	0	0	0	0	0	
Recon. Syr 2ml	0	0	0	0	0	0	
Vitamin A Red Capsule	0	0	0	0	0	0	
Vitamin A Blue Capsule	0	0	0	0	0	0	
Safety Box	1	0	0	0	0	1	
Dropper	0	0	0	0	0	0	

Print

You can change the selections in the filter as required to view Monthly Report for any other location or time period.

6

Cold Chain

of Vaccines Logistics Management Information System

This section explains the overview of the cold-chain logistics and its importance in the Logistics Management Information System.

Cold Chain Logistics

The Expanded Program on Immunization (EPI) was launched in 1978 in Pakistan to reduce death, disease, and disability due to vaccine preventable diseases (VPDs), and to contribute to the strengthening of national health systems. EPI services are provided through the public health delivery network through fixed centers and outreach services.

Improving routine immunization is one of the key indicators of EPI for ensuring a reduction in childhood mortality in Pakistan. However, improving routine immunization remains a major challenge in Pakistan. Many children are being needlessly affected by measles and other vaccine preventable diseases despite the availability of safe and effective vaccines, one of the factors being that there is inadequate capacity to manage vaccine cold chain effectively. A huge part of vaccines is wasted or expired due to ineffective cold chain during the supply chain process, therefore in June 2013, the USAID in collaboration with Expanded Program on Immunization (EPI) stakeholders, UNICEF and WHO collaborated to review the performance of vaccine and cold chain logistics management and supply chain systems and decided that it was essential to integrate vaccine logistics into an online system, possibly extending the existing Pakistan Web-based LMIS to include a Vaccine and a Cold Chain Logistics module.

The requirements of the vaccine and cold chain logistics management system were discussed and all stakeholders worked to define a common vision for the enhancement of the Web-based LMIS for vaccines. Based on their review, stakeholders endorsed the Web-based LMIS in Pakistan (supported by the USAID) as a model for a new vLMIS that would be accessible through a web portal, provide transparency to all stakeholders based on user rights, is easy to use, enables reporting via mobile devices (SMS), and integrates both routine and campaign vaccine logistics data. Standardized reporting forms were also recommended, along with more timely review and tracking reporting rates and timeliness. Data triangulation is recommended to validate data and improve visibility in wastage rates. One important recommendation was that the resupply quantities for routine EPI should be calculated based on average monthly consumption and stock balances, and that wastage rates should be calculated automatically if feasible. Finally, there was a consensus that timely budget release, appropriate training, improved monitoring and supervision, and adequate IT support were vital to improving vaccine logistics data collection, management, and use.

This report was presented to the Ministry of National Health Services, Regulation and Coordination, includes the findings of the assessment, as well as the recommended high-level functional and system requirements for extending the Web-based LMIS to include a vaccine logistics management information system (vLMIS) module.

Why is Cold Chain Logistics important?

Cold chain logistics refer to the system of people, policies, procedures, vehicles, fuel, equipment, and technologies that work together to make sure that vaccines given to people are safe and effective. Because most vaccines have specific temperature requirements, the cold chain logistics management system would prevent both excessive heat and cold from damaging the vaccines from the time of manufacturing until they are used. The refrigerated movement of temperature sensitive vaccines, pharmaceuticals and medical supplies is vital for the shelf life of vaccine drugs relies heavily on controlled and uncompromised transfer of shipments.

An effective logistics system is incomplete without a well-maintained cold chain for safe and effective immunization service delivery. An improperly functioning cold chain can lead to wasted vaccines, missed opportunities to immunize due to lack of vaccines, and children receiving vaccines that do not protect them as intended or that actually make them sick.

Insufficient, outdated and broken cold chain equipment are often cited as major problems

affecting routine immunization efforts during country immunization program reviews and supervisory visits. Additional problems are lack of technically-trained staff and inadequate financing for procuring new equipment and transporting technicians and/or broken equipment.

Outdated equipment is still in use and often needed as back-up due to delays in providing new equipment, insufficient stock capacity (both permanent and temporary, if the equipment is being used for immunization campaigns), or occasional problems with new equipment (e.g. lack of spare parts or appropriate tools).

There is often a lack of field-based procurement and repair plans, which means that cold chain and logistics inventories are not sufficiently linked with new equipment projections. This makes it difficult for countries to prioritize districts and provinces with the greatest need for new equipment.

Environmental factors

Poor or unreliable energy sources, a common problem in developing countries, weaken the effectiveness of equipment and shorten its lifespan. Also, equipment in remote areas is difficult to reach with timely repairs and routine maintenance, which are necessary to avoid more costly repairs or replacement.

The Expanded Program on Immunization emphasizes monitoring vaccine stocks and temperatures at all levels of storage, distribution and administration in order to avoid or reduce wastage.

Monitoring tools include vaccine vial monitors and freeze watch indicators. In addition, electronic temperature data loggers have been introduced at the regional level to 1) monitor the

transportation of freeze-sensitive vaccines and 2) randomly study the storage temperatures of some refrigerators over a defined period of time.

There is inadequate capacity to manage cold chain effectively.

Cold Chain Module in vLMIS

The National Vaccine Management Committee (NVMC) requested USAID to support enhancing the existing web-LMIS to include a module for managing vaccine and cold chain data. This new module will be referred to as the vaccine logistics management information system (vLMIS).

The reason for developing an online cold chain module is the lack of cold chain data. Despite the heavy investment by development partners and the GOP, no credible information and inventory systems exist at the municipal Union Council (UC), district, provincial, nor even federal levels.

Logistics management information system (LMIS) data for vaccines below the national level is mainly paper-based and therefore largely inaccessible to vertical program managers. The data currently originates from forms filled at the health facilities and is only partially turned into accessible digital information in Excel spreadsheets at either district or provincial levels.

The limited information for vertical program managers and district administrations is manually aggregated through the districts and/or provinces. It is sometimes estimated and often incomplete. This hinders the ability of managers to procure the right quantities and effectively oversee supply chain performance.

Currently, UNICEF is supporting a national cold chain inventory that will collect data on existing cold chain equipment (age, type, capacity, operability) as well as facility profile data. This will help identify gaps in the cold chain storage capacity and functionality that need to be addressed.

However, there are significant challenges in the collection, use and management of cold chain since Wastage (due to open vial) data are under-reported and poorly tracked.

Key data requirements were also agreed, emphasizing simplicity and minimal data for the initial version of the vLMIS (with suggestions for future additions) and mandating use of stock balance, consumption and issues data, losses and adjustments as the essential data items to collect. New

routine reporting forms will be developed to collect this data from service delivery points, along with vaccine logistics standard operating procedures (SOPs) for each level of the supply chain. Data will be entered at either the Union Council level (if Internet access is available) or at the district level, and the vLMIS will also include a warehouse management system module for inventory management at the district, provincial, and national EPI stores. The vLMIS will also receive periodic SMS reports from vaccinators (more frequent than monthly, but period is yet to be determined) that include consumption, wastage, and balance. These data will be used to validate the monthly reports from service delivery points. The system will enable continued use of the existing SOPs and forms for polio campaigns, but the inventory data from stores will be integrated and vaccinators will report via SMS daily during the campaigns.

The design, construction and testing of the vLMIS is expected to be completed by December 2013, and will be deployed for a pilot phase to the polio endemic districts first before national rollout. A vLMIS Project Charter will be developed and approved by the NVMC to ensure adequate stakeholder engagement and commitment to the vLMIS, to document project parameters and deliverables, and to establish project management and governance structures.

Cold Chain Storage

Currently, there is a well-established network of cold stores at each level down to the district (except in Azad Jammu and Kashmir, and Gilgit-Baltistan). At the national level, cold and bulk storage is sufficient for all commodities, but not at provincial, district, or sub-district and UC level. Punjab has upgraded cold chain equipment provided by USAID in 2013, and Khyber Pakhtunkhwa has started upgrading its cold store. Good storage conditions are maintained at federal level, while conditions vary from province to province and district to district. Cold chain equipment is maintained at all levels (with a few exceptions at district & UC levels) and cold chain failures are dealt with timely and appropriately at the provincial level, with some delays at district & sub-district level. There are some personnel trained in and capable of providing cold chain maintenance.

Cold & bulk storage space is inadequate at provincial (except in Punjab), district, and SDP levels, and the cold rooms at both national and provincial levels are not purpose built for maximum operational and energy efficiency, as they now rely on multiple smaller cold rooms that vent heat into the bulk storage area. Interruption of electricity supply is common place and there is a lack of power back up at all levels. The quality of cold chain equipment at district & sub-district levels is not optimal, and many lack voltage stabilizers. There is a shortage of trained and qualified cold chain technicians to service all EPI stores and equipment in a timely manner.

Recommendations

The cold chain system needs to be upgraded at all levels, with particular attention to provincial level and below. Design standards that emphasize operational and energy efficiency should be developed for national, provincial, and district cold stores so that investments in upgrades contribute to optimize storage procedures, reduced energy consumption and cost containment. Upgrades must also include back up power systems; if generators are included, adequate long-term budget support is required for fuel. At lower levels, solar ice liners refrigerators (ILRs) should be based on the newest sustainable technology (solar chill) for areas with high incidence of power interruptions. Any new equipment investment must also include training for technical staff on maintaining and repairing new technology, and additional technical staff should be trained and posted at both provincial and district level to meet demand. Where possible, purpose built vehicles for the maintenance and repair of cold chain equipment should be procured and stocked with spare parts to improve efficiency of available technical staff.

Cold chain module should include the following features so that the capacity of National Immunization Programs is strengthened and every individual can benefit from vaccines of assured quality delivered in the right amount at the right time through efficient logistics, proper vaccine management, and a well-functioning cold chain system. The proposed requirements are:

1. Management information system capable of collecting cold chain asset data, its capacity and working status so that adequate numbers of vaccines are stored for every immunization session.
2. Cold chain asset status is provided on monthly basis so that vaccine wastage is minimized without affecting coverage and new vaccine introduction is not constrained by lack of storage/transport capacity.
3. Cold chain inventory control system to ensure proper management and distribution of cold chain supplies.
4. Storage and Stores to have adequate capacity of cold chain assets to ensure vaccine shelf life.
5. Tracked distribution of cold chain assets to stores so that Vaccines are stored and transported without temperature damage.

Cold Chain Equipment Management (CCEM)

A vaccine's cold chain is a temperature-controlled supply chain. It is essential for the effectiveness of the vaccines that an unbroken cold chain with uninterrupted series of storage and distribution activities are maintained for the given temperature range. In vLMIS, users can provide the Cold-chain assets information containing its capacity and working status for each month in order to record the cold-chain maintenance data.

In vLMIS, CCEM operators at the National, Provincial and District level will be able to perform following four activities:

- Add an Asset
- Search an Asset
- Transfer an Asset
- Update Asset Working Status

Introduction to Cold chain Assets

In vLMIS, cold-chain assets can be divided into two main categories:

1. Registered (Non-quantifiable Assets)
2. Non-Registered (Quantifiable Assets)

Registered assets are those assets which are not added with mentioned quantity. Non-registered assets on the other hand, will consist of a defined quantity.

Currently, there are seven types of cold-chain assets in the vLMIS. All these assets fall into the above mentioned categories.

Registered Assets

1. Refrigerators
2. Cold Room
3. Generator
4. Transport

Non-Registered Assets

5. Vaccine Carriers
6. Ice Pack
7. Voltage Regulator

Among the registered assets, refrigerators and cold rooms consist of temperature alarms to ensure that the set temperature levels are achieved for vaccines. Generator and transport do not require temperature regulation.

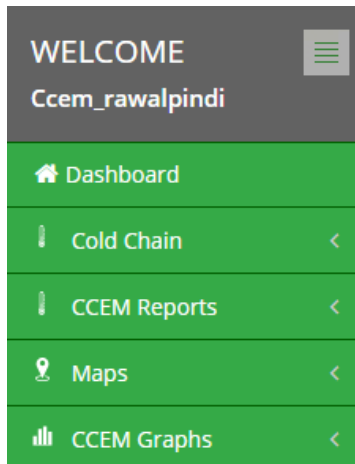
CCEM Operator

It is essential for the effectiveness of the vaccines that an unbroken cold chain with an uninterrupted series of storage and distribution activities is maintained for the given temperature range.

Logging in to the User account displays the account's Home page screen by default.



On the left side of the dashboard screen, the CCEM operator at the district level will see the following tabs:



The CCEM District level operator screen includes the following features:

- **Dashboard:** User can view CCEM dashboard containing graphs, maps and analytical reports by using this tab.
- **CCEM:** enables the account user to report the cold chain asset's status of the assigned stores, which helps identify the working condition of the cold-chain machine.
- **CCEM Reports:** user can view the data analysis reports for cold chain equipment. Refer to the "CCEM Reports" section for details.
- **CCEM Graphs:** user can view CCEM graphs for analyzing data. Refer to the "CCEM Graphs" section for details.
- **Maps:** enables user to view the geographical map for Cold-chain capacity.

Dashboard

Dashboard is a visual display of the most important information needed to achieve one or more objectives; consolidated and arranged on a single screen so the information can be monitored at a glance.

For CCEM users, dashboard for cold chain equipment management will be available. User can view the dashboard at the district level.

Cold Chain Equipment Management

Cold Chain Equipment Management dashboard allows users to view the cold chain capacity map by clicking on this tab.

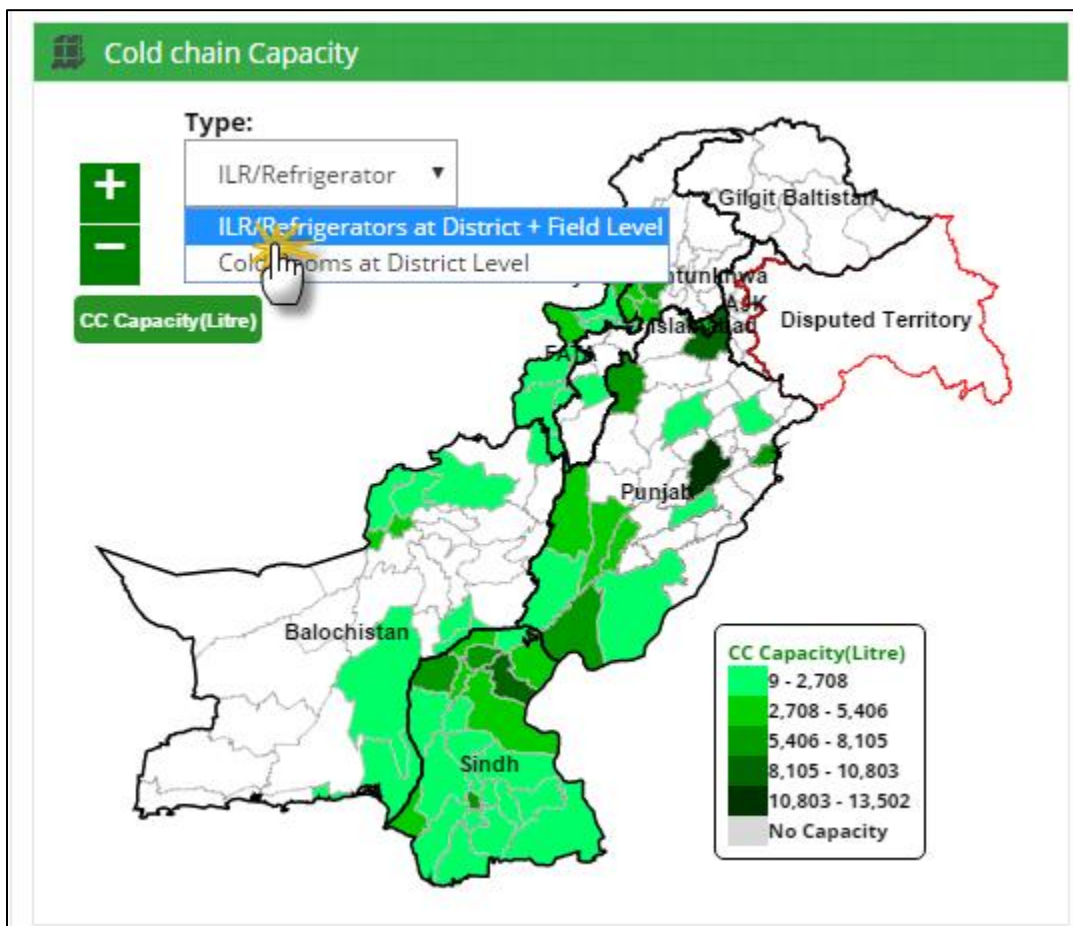
- **Cold Chain Capacity**
This map shows a map highlighting the cold chain capacity of each district.
- **Vaccine storage capacity at +2c to +8c**
To show the storage capacity of vaccines at certain temperature range within selected health facilities.
- **Vaccine storage capacity at +20c**
To show the storage capacity of vaccines at 20 degrees centigrade within selected health facilities.
- **Icepack freezing capacity against routine requirements**
To show the icepack freezing capacity within selected health facilities.

Cold Chain Capacity

Cold Chain Capacity will be displayed through map.

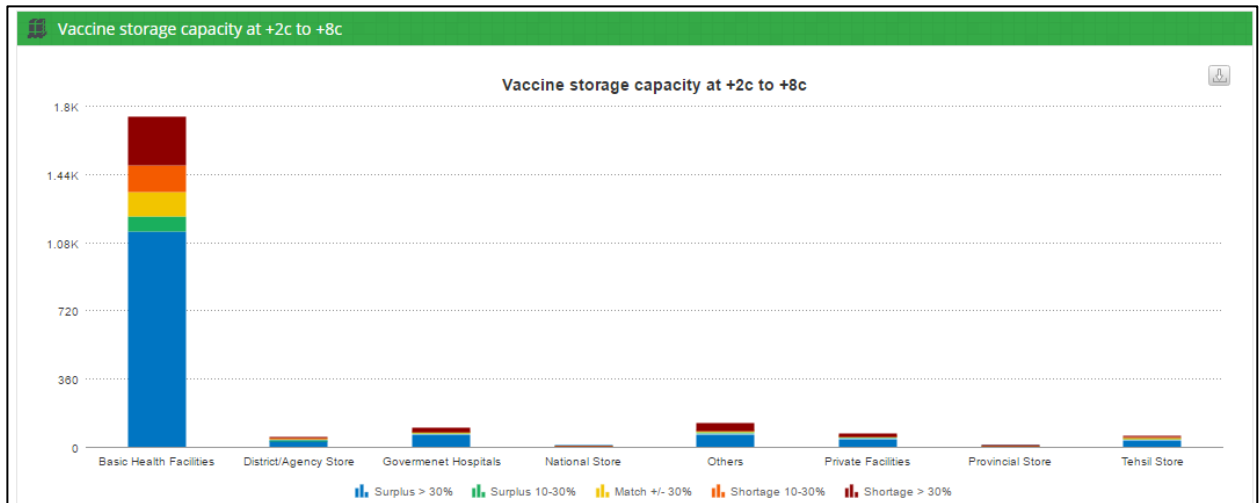
The user can choose product from the drop-down menu.

- ILR/Refrigerators
- Cold Rooms



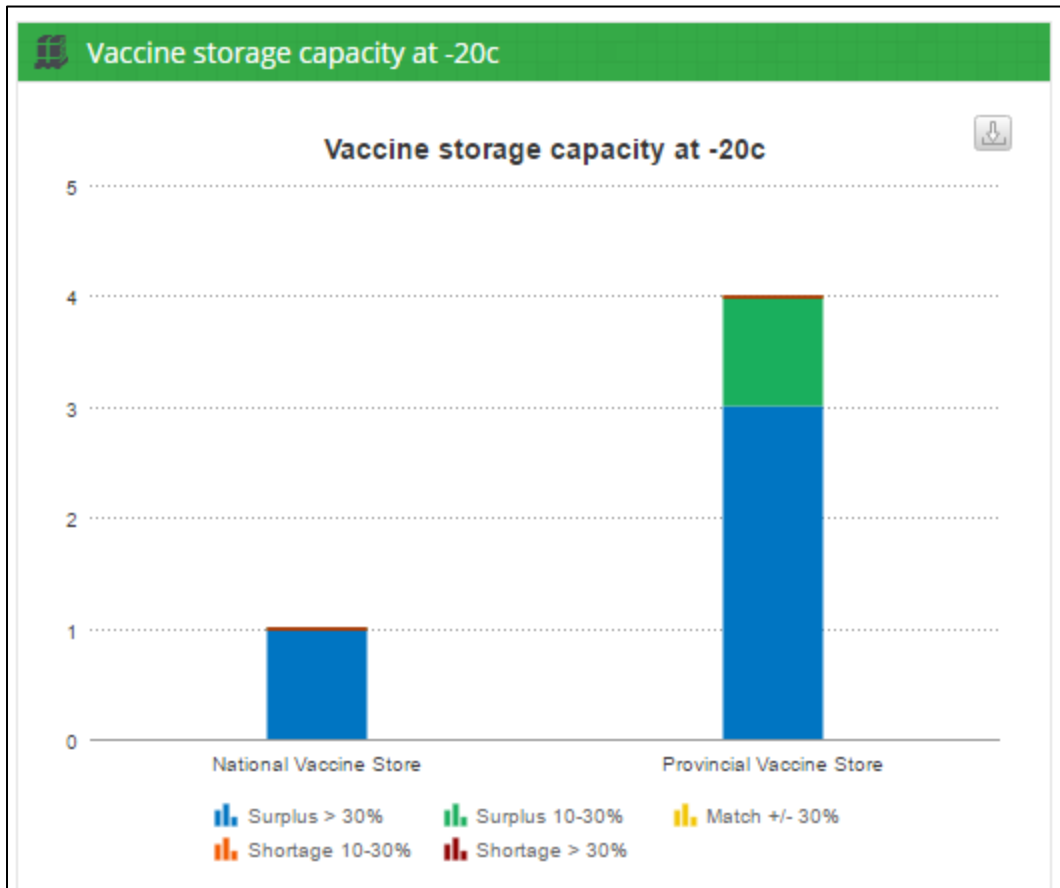
Vaccine Storage Capacity at +2c to +8c

Vaccine Storage Capacity at +2c to +8c will be displayed in the form of a stacked bar graph. The user can view the health facilities list on the horizontal axis while the capacity range is shown on the vertical axis.



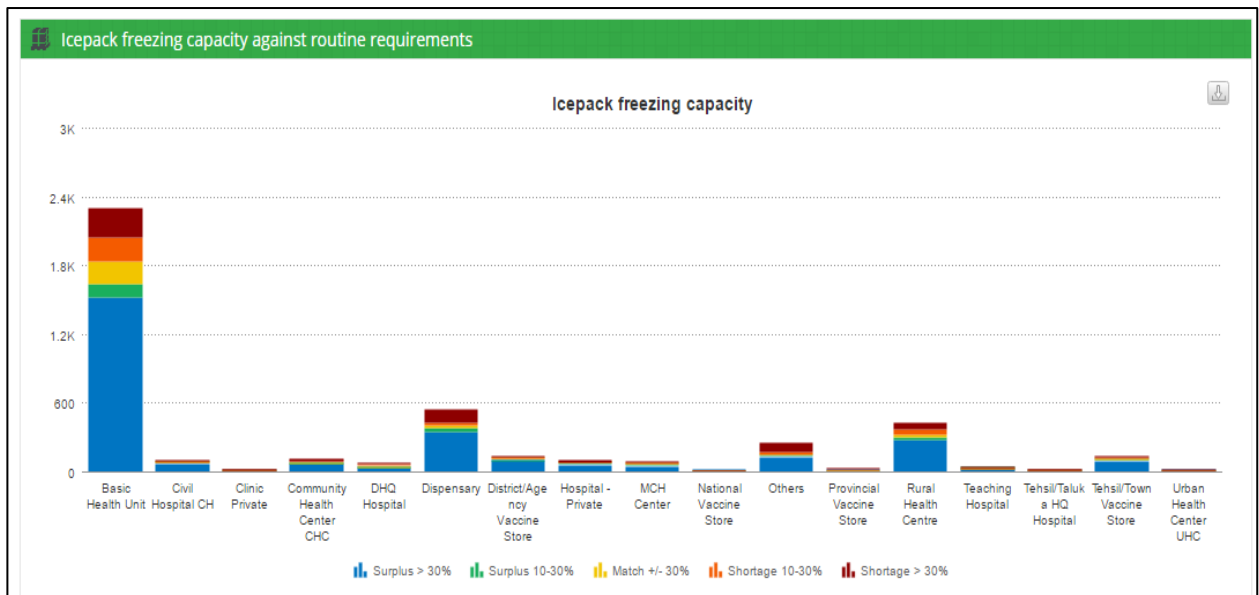
Vaccine Storage Capacity at - 20c

Vaccine Storage Capacity at - 20c will be displayed in the form of a stacked bar graph. The user can view the health facilities list on the horizontal axis while the capacity range is shown on the vertical axis.





Icepack freezing capacity against routine requirements

Cold chain equipment management dashboard will also display icepack freezing capacity graph against routine requirements in the form of a bar graph. The users can view the health facilities list on the horizontal axis while the capacity range is shown on the vertical axis.



Cold Chain

Click **Cold Chain** from the main menu to display a list of options.

 Cold Chain 
Search Refrigerator
Add Refrigerator
Search Vaccines Carriers
Add Vaccines Carriers
Search Ice Pack
Add Ice Pack
Search Cold Room
Add Cold Room
Search Voltage Regulator
Add Voltage Regulator
Search Generator
Add Generator
Search Transport
Add Transport
Transfer Asset

Add Refrigerator

To add a new refrigerator:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Add Refrigerator**.
New/Add Refrigerator/Freezer/ILR Asset Page displays.
3. Specify the following filters:
 - **Asset ID/Equipment Code:** is an automatically generated unique identifier for the adjustment.
 - **Source of Supply:** select the supplier source from the list.
 - **Utilization:** select the utilization of the asset.
 - **Working Status:** select the status of the Asset from the list.
 - **Placed at:** Specify one of the following:
 - Unallocated:** specifies that the asset is not allocated.
 - Select Store:** select the store to place the asset.
 - **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.
 - **Catalogue ID:** select the Catalogue ID from the list. You can also add a new catalogue ID by clicking **Add**. It will display a new window with following options:
 - **Catalogue ID:** specify the Catalogue ID.
 - **Make:** specify the make of the asset being added.

- **Model:** specify the model of the asset being added.
- **Asset Sub-Type:** Select asset sub-type from the list.
- **Dimensions:** Add the dimensions of the asset in feet.
- **Capacity:** Add the capacity of the asset in liters.
- **CFC Free Sticker:** select one of the options from Not Applicable, Yes and No.
- **Serial No.:** Enter the asset's serial number.
- **Working Since (Year):** Enter the year since the working of the asset.

4. Click **Save** to save the new asset.

Search Refrigerator

To search a refrigerator:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Search Refrigerator**.
Search Refrigerator/Freezer/ILR Asset Page displays.
3. Specify the following filters:

- **Asset Sub-Type:** Select asset sub-type from the list.
- **Source of Supply:** select the supplier source from the list.
- **Working Status:** select the status of the Asset from the list.
- **Asset ID/Equipment Code:** is an automatically generated unique identifier for the adjustment.
- **Catalogue ID:** specify the Catalogue ID.
- **Make:** specify the make of the asset being added.
- **Model:** specify the model of the asset being added.
- **Serial No.:** Enter the asset's serial number.
- **Gross Capacity From:** Add the gross capacity of the asset in liters.
- **Gross Capacity to:** Add the gross capacity of the asset in liters.
- **Working From:** Enter the year since the working of the asset.
- **Working To:** Enter the year till the optimal working of the asset.
- **CFC Free Sticker:** select one of the options from Not Applicable, Yes and No.
- **Placed at:** Specify one of the following:

Unallocated: specifies that the asset is not allocated.

Select Store: select the store to place the asset.

- **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.

- **Working Since (Year):** Enter the year since the working of the asset.

4. Click **Search**.

Search Refrigerator/Freezer/ILR Asset

Asset Sub Type:

Source of Supply:

Working Status:

Asset Id / Equipment Code:

Catalogue ID:

Make:

Model:

Serial Number:

Gross Capacity From:

Gross Capacity To:

Working Since From:

Working Since To:

Placed At: Select Store Unallocated

Report Type: Detail View Summary View

District	Facility	Make	Model	Capacity	Working Status	Date	Action
-	-	Westfrost	2000	For 20 : 25 For 4 : 25	Working well	2014-11-29 08:35:49	✎ | 🗑
-	-	Waves	W1213	For 20 : 4.5 For 4 : 4.5	Working well	2014-12-04 05:34:59	✎ | 🗑
-	-	refMake	refModel	For 20 : 20 For 4 : 20	Working well	2016-02-24 11:53:31	✎ | 🗑

5. **Report Type:** select the report type such as summary view or detail view.

Add Vaccine Carriers

To add a new vaccine carrier:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Add Vaccine Carriers**.
Add Vaccine Carriers Page displays.
3. Specify the following filters:
 - **Placed at:** Specify one of the following:

Unallocated: specifies that the asset is not allocated.

Select Store: select the store to place the asset.

- **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.
- **Catalogue ID:** select the Catalogue ID from the list. You can also add a new catalogue ID by clicking **Add**. It will display a new window with following options:
 - **Catalogue ID:** specify the Catalogue ID.
 - **Make:** specify the make of the asset being added.
 - **Model:** specify the model of the asset being added.
 - **Dimensions:** Add the dimensions of the asset in feet.

4. Add **Total Available for Vaccination Activities** and click **Save**.

Add Vaccine Carriers

Add Vaccine Carriers

Placed At *

Unallocated Select Store

Office * Province Store

District Punjab District Rawalpindi Store

Catalogue ID * Total Available For Vaccination Activities *

Select

Add Save

Search Vaccine Carriers

To search a vaccine carrier:

1. Sign in to the User account.

User Home Page displays.

2. Under **CCEM**, click **Search Vaccine Carriers**.

Vaccine Carrier Search Page displays.

3. Specify the following filters:

- a. **Catalogue ID:** specify the Catalogue ID.
- b. **Make:** specify the make of the asset being added.
- c. **Model:** specify the model of the asset being added.
- d. **Placed at:** Specify one of the following:

Unallocated: specifies that the asset is not allocated.

Select Store: select the store to place the asset.

- **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.

4. Click **Search**.

Cold Chain

Vaccine Carrier Search - Filters

Catalogue ID

Make

Model

Placed at

Select Store Unallocated

Vaccine Carrier Search

Report Tpe

Detail View Summary View

District	Facility	Make	Model	Date	Action
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5. **Report Type:** select the report type such as summary view or detail view.

Add Ice Packs

To add ice packs:

1. Sign in to the User account.

User Home Page displays.

2. Under **CCEM**, click **Add Ice Packs**.

Add Ice Packs Page displays.

3. Specify the following filters:

- **Placed at:** Specify one of the following:

Unallocated: specifies that the asset is not allocated.

Select Store: select the store to place the asset.

- **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.

4. Add **Quantity** before the ice pack size required to be added.
5. Click **Add**.

Add Ice Packs

Placed At
 Unallocated Select Store

Office * Province Store

Ice Pack Sizes	Quantity
0.2	<input type="text"/>
0.3	<input type="text"/>
0.4	<input type="text"/>
0.5	<input type="text"/>
0.7	<input type="text"/>
0.8	<input type="text"/>
0.9	<input type="text"/>

Search Ice Pack

To search an ice pack:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Search Ice Pack**.
Ice Pack Search Page displays.
3. Specify the following filters:
 - a. **Make**: specify the make of the asset being added.
 - b. **Model**: specify the model of the asset being added.
 - c. **Placed at**: Specify one of the following:

Unallocated: specifies that the asset is not allocated.

Select Store: select the store to place the asset.

- **Office**: In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.

4. Click **Search**.

Cold Chain

Ice Pack Search ▼

Make
 ▼ Model
 ▼

Placed at
 Select Store Unallocated

Search **Reset**

Ice Pack Search ▼

Report Tpe
 Detail View Summary View

District	Facility	Make	Model	Quantity	Date	Action
-	-	Generic	0.2	2	24/02/2016	
-	-	Generic	0.3	3	24/02/2016	
-	-	Generic	0.4	4	24/02/2016	
-	-	Generic	0.5	5	24/02/2016	
-	-	Generic	0.7	6	24/02/2016	

5. **Report Type:** select the report type such as summary view or detail view.

Add Cold Room

To add a cold room:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Add Cold Room**.
Add Cold Room Page displays.
3. Specify the following filters:
 - **Asset ID/Equipment Code:** is an automatically generated unique identifier for the asset.
 - **Source of Supply:** select the supplier source from the list.
 - **Utilization:** select the utilization of the cold room.
 - **Working Status:** select the status of the cold room from the list.
 - **Placed at:** Specify one of the following:
 - Unallocated:** specifies that the cold room is not allocated.
 - Select Store:** select the store to place the cold room.
 - **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.
 - **Type:** select the type of the cold room.
 - **Internal Storage Dimensions:** specify the storage dimensions of the cold room such as length, width and height.
 - **Make:** specify the make of the cold room being added.
 - **Model:** specify the model of the asset being added.

- **Internal gross volume:** specify in meters.
- **Net storage volume for vaccine/packs:** specify the volume in meters.
- **Year of Supply:** specify the year of supply for the cold room.
- **Number of cooling system:** specify the number of cooling systems in the cold room.
- **Number of phases:** select the number of phases.
- **Refrigerator gas type:** select the type of refrigerator gas.
- Specify if there is a **Voltage Stabilizer** or not.
- Specify if the cold room **has working backup generator**.
- **Temperature recording system:** select the temperature recording system from the list.
- **Type of recording system:** select the type of recording system.

The screenshot shows a web form titled "Add Cold Room". The form is organized into several sections:

- Top Section:** "Asset Id / Equipment Code" (text input), "Source of Supply" (dropdown menu), and "Utilization" (dropdown menu).
- Working Status:** "Working Status" (dropdown menu).
- Placed At:** "Placed At" (radio buttons for "Unallocated" and "Select Store").
- Type and Dimensions:** "Type" (dropdown menu), "Internal Storage Dimensions(m)" (text inputs for Length, Width, Height).
- Make and Model:** "Make" (dropdown menu), "Model" (dropdown menu).
- Year and Cooling:** "Year of Supply" (text input), "Number of cooling system" (text input).
- Refrigerator and Backup:** "Refrigerator gas type" (dropdown menu), "Has working backup generator" (dropdown menu).
- Recording System:** "Temperature recording system" (dropdown menu), "Type of recording system" (dropdown menu).
- Capacity and Stabilizer:** "Internal gross volume (m3)" (text input with "Gross Capacity" label), "Net storage volume for vaccine/packs (m3)" (text input with "Net Capacity" label), and "Has voltage stabilizer" (radio buttons for "Yes" and "No").

A green "Save" button is located at the bottom right of the form.

4. Click **Save** to save the new cold room.

A new cold room would be added.

Search Cold Room

To search a cold room:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Search Cold Room**.
Cold Room Search Page displays.
3. Specify the following filters:
 - **Type**: select the type of the cold room.
 - **Working Status**: select the status of the cold room from the list.
 - **Source of Supply**: select the supplier source from the list.
 - **Number of cooling system**: specify the number of cooling systems in the cold room.
 - **Asset ID/Equipment Code**: is an automatically generated unique identifier for the asset.
 - Specify if there is a **Voltage Stabilizer** or not.
 - **Make**: specify the make of the cold room being added.
 - **Model**: specify the model of the asset being added.
 - **Capacity From, Capacity to**: Add the capacity of the cold room.
 - **Year of Supply From, to**: specify the year of supply for the cold room.
 - **Placed at**: Specify one of the following:
 - Unallocated**: specifies that the cold room is not allocated.
 - Select Store**: select the store to place the cold room.

- **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.

4. Click **Search**.

Cold Chain

Search Cold Room

Type: Select

Working Status: Select working status

Source of Supply: Select Source Of Supply

Number of cooling system: []

Asset ID/Equipment Code: []

Make: Select

Model: Select Make First

Capacity from: Gross Capacity

Capacity to: Gross Capacity

Year of Supply from: []

Year of Supply to: []

Placed At: Select Store Unallocated

Office *: District

Province: Punjab

Store *: District Rawalpindi Store

[Search] [Reset]

Report Tpe: Detail View Summary View

District	Facility	Make	Model	Capacity	Working Status	Date	Action
Rawalpindi	District Rawalpindi Store	Haier	DZ47LE-32 D25	0	Working well	-	✎ 🔄
Rawalpindi	District Rawalpindi Store	Porkka	Unknown	0	Working well	-	✎ 🔄

5. **Report Type:** select the report type such as summary view or detail view.

Add Voltage Regulator

To add a voltage regulator:

1. Sign in to the User account.

User Home Page displays.

2. Under **CCEM**, click **Add Voltage Regulator**.

Add Voltage Regulator Page displays.

3. Specify the following filters:

- **Placed at:** Specify one of the following:

Unallocated: specifies that the voltage regulator is not allocated.

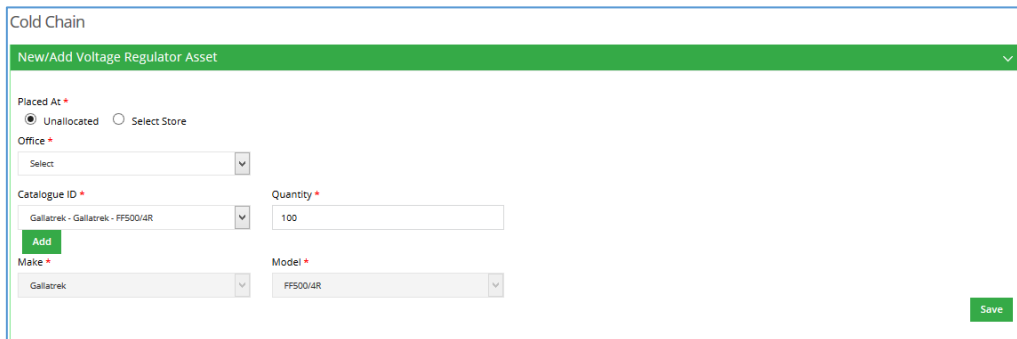
Select Store: select the store to place the regulator.

- **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.

4. **Catalogue ID:** specify the Catalogue ID.

5. Add **Quantity** before the ice pack size required to be added.

6. Click **Add**.



The screenshot shows a web form titled "Cold Chain" with a sub-header "New/Add Voltage Regulator Asset". The form contains the following fields and controls:

- Placed At:** Radio buttons for "Unallocated" (selected) and "Select Store".
- Office:** A dropdown menu with "Select" as the current selection.
- Catalogue ID:** A dropdown menu with "Gallatrek - Gallatrek - FF500/4R" selected.
- Quantity:** A text input field containing the number "100".
- Make:** A dropdown menu with "Gallatrek" selected.
- Model:** A dropdown menu with "FF500/4R" selected.
- Buttons:** A green "Add" button and a green "Save" button.

7. User can also search a specific regulator from the list.

Search Voltage Regulator

To search a voltage regulator:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Search Voltage Regulator**.
Search Voltage Regulator Page displays.
3. **Catalogue ID**: specify the Catalogue ID.
4. **Make**: specify the make of the voltage regulator.
5. **Model**: specify the model of the voltage regulator.
6. Specify the following filters:
 - **Placed at**: Specify one of the following:
 - Unallocated**: specifies that the voltage regulator is not allocated.
 - Select Store**: select the store to place the regulator.
 - **Office**: In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.
7. **Catalogue ID**: specify the Catalogue ID.
8. Add **Quantity** before the ice pack size required to be added.
9. Click **Search**.

Cold Chain

Search Voltage Regulator - Filters

Catalogue ID

Make

Model

Placed at
 Select Store Unallocated

Office *

Province

Store *

Search Voltage Regulator

Report Tpe
 Detail View Summary View

District	Facility	Make	Model	Working Status	Date	Action
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10. **Report Type:** select the report type such as summary view or detail view.

Add Generator

To add a new generator:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Add Generator**.
Add Generator Page displays.
3. Specify the following filters:
 - **Asset ID/Equipment Code:** is an automatically generated unique identifier for the adjustment.
 - **Source of Supply:** select the supplier source from the list.
 - **Utilization:** select the utilization of the asset.
 - **Working Status:** select the status of the Asset from the list.
 - **Placed at:** Specify one of the following:
 - Unallocated:** specifies that the asset is not allocated.
 - Select Store:** select the store to place the asset.
 - **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.
 - **Make:** specify the make of the asset being added.
 - **Model:** specify the model of the asset being added.

- **Serial No.:** Enter the asset's serial number.
- **Number of phases:** select the number of phases.
- **Power Rating:** Enter the power rating of the generator.
- **Power Source:** Select the power source of the generator.
- Specify if the generator has an **Automatic Start Mechanism** or not.
- **Year of Supply:** specify the year of supply for the generator.
- **Use for:** select the use for the generator.

Add Generator
▼

Asset Id / Equipment Code	Source of Supply *	Utilization *
<input type="text"/>	<input type="text" value="EPI Program"/>	<input type="text" value="In use"/>
Working Status *		
<input type="text" value="Working well"/>		
Placed At*		
<input checked="" type="radio"/> Unallocated <input type="radio"/> Select Store		
Make *	Model *	Serial Number *
<input type="text" value="Perkins"/>	<input type="text" value="P 56"/>	<input type="text" value="f555"/>
No. of Phases		
<input checked="" type="radio"/> One <input type="radio"/> Three		
Power Rating *	Power Source *	Year of Supply
<input type="text" value="100"/>	<input type="text" value="Diesel"/>	<input type="text" value="05/02/2014"/>
Automatic Start Mechanism		
<input type="radio"/> Yes <input type="radio"/> No		
Use For		
<input type="text" value="Cold Rooms"/>		

4. Click **Save** to save the new generator.

Search Generator

To search a generator:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Search Generator**.
Search Generator Page displays.
3. Specify the following filters:
 - **Working Status:** select the status of the Asset from the list.
 - **Source of Supply:** select the supplier source from the list.
 - **Asset ID/Equipment Code:** is an automatically generated unique identifier for the adjustment.
 - **Make:** specify the make of the asset being added.
 - **Model:** specify the model of the asset being added.
 - **Year of Supply from, to:** specify the year of supply for the generator.
 - **Placed at:** Specify one of the following:
 - Unallocated:** specifies that the asset is not allocated.
 - Select Store:** select the store to place the asset.
 - **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.

4. Click **Search**.

Search Generator

Working Status
Select working status

Serial Number
[Text Input]

Source of Supply
Select Source Of Supply

Equipment ID/Asset Code
[Text Input]

Make
Select

Model
Select Make First

Year of Supply From
[Text Input]

Year of Supply To
[Text Input]

Placed at
 Select Store Unallocated

Office *
Federal

Warehouse
Federal Vaccine Store

[Text Input] Search Reset

Report Tpe
 Detail View Summary View

District	Facility	Make	Model	Serial Number	Working Status	Working Since	Action
National	Federal Vaccine Store	AV Greaves	DV 10	435435		2016-02-24 00:00:00	✎ | 📄
National	Federal Vaccine Store	AV Greaves	DV 10	435435		2016-02-24 00:00:00	✎ | 📄
National	Federal Vaccine Store	Perkins	P22E2	12345	Working well	2015-11-02 00:00:00	✎ | 📄

5. **Report Type:** select the report type such as summary view or detail view.

Add Transport

To add a new transport:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Add Transport**.
Add Transport Page displays.
3. Specify the following filters:
 - **Asset ID/Equipment Code:** is an automatically generated unique identifier for the transport.
 - **Source of Supply:** select the supplier source from the list.
 - **Utilization:** select the utilization of the.
 - **Working Status:** select the status of the transport from the list.
 - **Placed at:** Specify one of the following:
 - Unallocated:** specifies that the transport is not allocated.
 - Select Store:** select the store to place the transport.
 - **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.
 - **Transport Type:** select the transport type.
 - **Registration No.:** specify the registration number. This field is optional.
 - **Make:** specify the make of the transport being added.
 - **Model:** specify the model of the transport being added.

- **Manufacture Year:** select the manufacture year of the transport.
- **% use for EPI:** specify the percent use for EPI. This is an optional field.
- **Fuel Type:** select the fuel type being used.

Cold Chain

New/Add Transport Asset

Asset Id / Equipment Code	Source of Supply *	Utilization *
<input type="text"/>	EPI Program <input type="button" value="v"/>	In use <input type="button" value="v"/>
Working Status *		
Working well <input type="button" value="v"/>		
Placed At*		
<input checked="" type="radio"/> Unallocated <input type="radio"/> Select Warehouse		
Transport Type *	Registration No. *	Make*
Vehicle <input type="button" value="v"/>	<input type="text"/>	Suzuki <input type="button" value="v"/>
		Model*
		CULTUS <input type="button" value="v"/>
Manufacture Year *	% Used For EPI	Fuel Type *
20/02/2014	<input type="text"/>	Petrol <input type="button" value="v"/>
		Comments
		<input type="text"/>

4. Click **Save** to save the new transport.

Search Transport

To search a transport:

1. Sign in to the User account.
User Home Page displays.
2. Under **CCEM**, click **Search Transport**.
Search Transport Page displays.
3. Specify the following filters:
 - **Transport Type:** select the transport type.
 - **Working Status:** select the status of the Asset from the list.
 - **Source of Supply:** select the supplier source from the list.
 - **Fuel Type:** select the fuel type being used.
 - **Registration No.:** specify the registration number. This field is optional.
 - **Make:** specify the make of the asset being added.
 - **Model:** specify the model of the asset being added.
 - **Manufacture Year from, to:** specify the year of manufacture for the transport.
 - **Placed at:** Specify one of the following:
 - Unallocated:** specifies that the asset is not allocated.
 - Select Store:** select the store to place the asset.
 - **Office:** In this drop-down, select the office to which you want to issue the asset. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the **Issue To** drop-down displays the relevant store names in the selected province. Select the required store.
4. Click **Search**.

Search Transport ▼

Transport Type

Working Status

Source of Supply

Fuel Type

Registration No.

Make

Model

Manufacture Year From

Manufacture Year To

Placed at

Select Store Unallocated

Office *

Warehouse

Report Tpe

Detail View Summary View

District	Facility	Make	Model	Fuel Type	Working Status	Date	Action
National	Federal Vaccine Store	Suzuki	SV1800P	Petrol		2016-02-01 00:00:00	📄 | 📄
National	Federal Vaccine Store	Suzuki	SV1800P	Petrol	Working well	2016-02-24 11:49:01	📄 | 📄

5. **Report Type:** select the report type such as summary view or detail view.

Transfer Asset

To transfer an Asset:

1. Sign in to the User account.
The User Home Page displays.
2. Click **Transfer Asset** under **CCEM**.
The Transfer Asset page displays.
3. In **From Office**, select the office.

Office: In this drop-down, select the office. On selecting the **Office** level, specify the office location in the adjacent drop-down list. On selecting the location, the drop-down displays the relevant store names in the selected province. Select the required store.

The Asset's details are displayed.

S. No.	Assets	Model	Asset ID	Quantity	Transfer Quantity/Asset
1	Ice Packs	0.2		100	<input type="text"/>
2	Ice Packs	0.3		100	<input type="text"/>
3	Ice Packs	0.4		100	<input type="text"/>
4	Ice Packs	0.5	40001016	20	<input type="text"/>
5	Ice Packs	0.7		100	<input type="text"/>
6	Ice Packs	0.8		100	<input type="text"/>
7	Ice Packs	0.9		100	<input type="text"/>

4. In **Transfer Quantity/Asset**, specify the quantity you want to transfer.

S. No.	Assets	Model	Asset ID	Quantity	Transfer Quantity/Asset
1	Vaccine Carriers-Cold Boxes	Rotary International	201838	5243	<input type="text" value="3000"/>

5. In **To Office**, specify the location that you want to transfer to.

To Office *	Province *	Store *
<input type="text" value="District"/> ▼	<input type="text" value="Punjab"/> ▼	<input type="text" value="District Bhakkar Store"/> ▼
<input type="button" value="Transfer"/>		

6. Click **Transfer**.

Maps

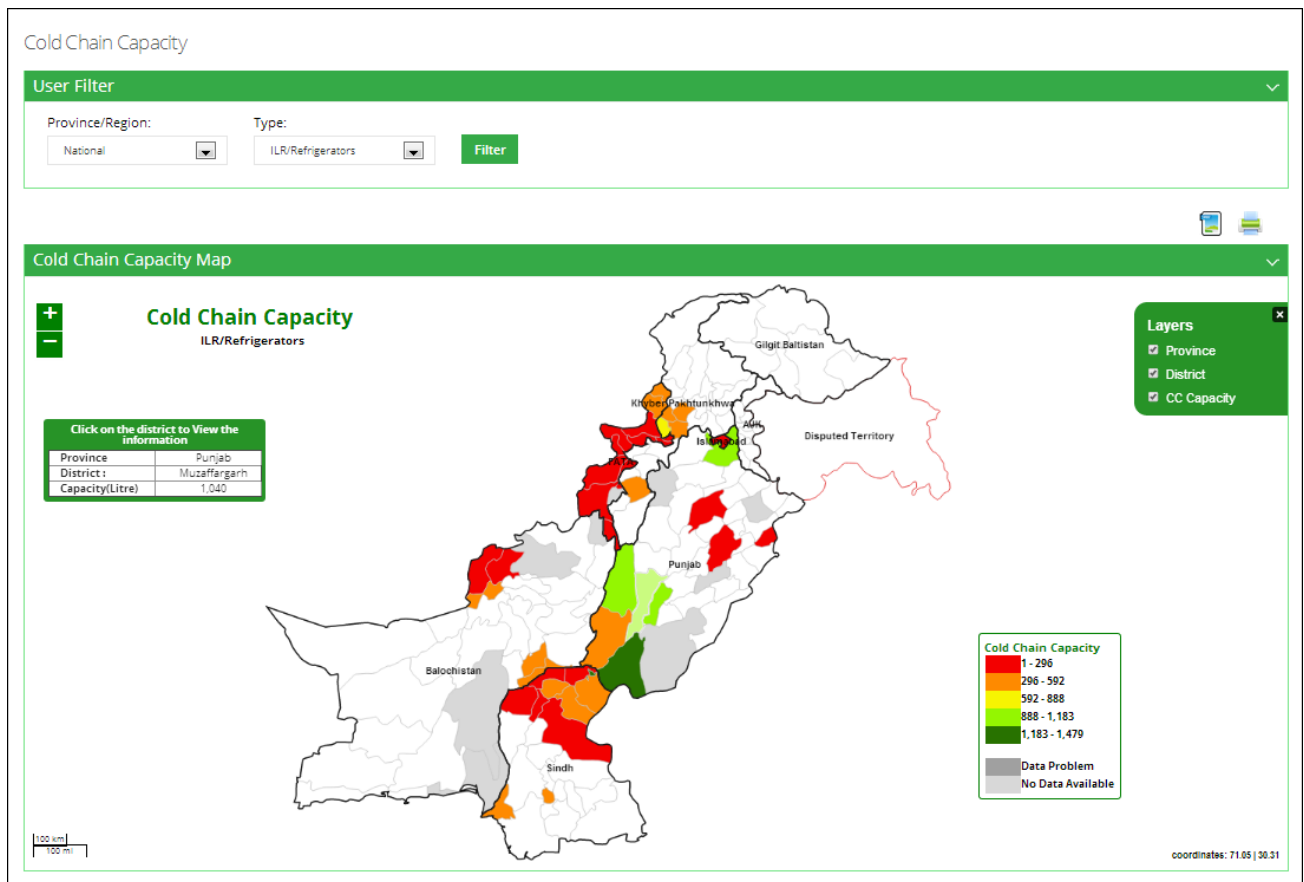
The LMIS also has the capability of generating easy to interpret maps with color codes. These interactive maps would be made available through the Government of Pakistan website and help in increasing the use of the existing information disseminates by Government of Pakistan through the web-based vLMIS by providing the information a more captivating approach to both promote the importance of supply chain and use of data in decision making.

This application is helpful for the health managers at all levels of administrative tiers for planning, identification of possible supply chain problems and new areas of improvements. In addition, GIS dashboards combined with other reports and graphs of vLMIS application give quick overview of monthly situation of commodities and reporting status. This is a good epidemiological tool to combine outputs of web-mapping application with other sources for data for research activities.

CCEM operators can view cold-chain capacity map by using the Maps tab from the main menu. Once the cold-chain indicator for which the map is to be viewed is selected, the user will be directed towards a page to select from various filters.

Cold Chain Capacity Map

This map shows the cold-chain capacity of each district within the selected province. User can see filter options such as Province/Region and Type of refrigerators or cold rooms to analyze the cold chain capacity rate for each district in the selected province based on the number of facilities in that district. The detailed information can be seen once the user clicks a particular district on the map.



CCEM Reports

Refer to the “CCEM Reports” section of the user manual.

CCEM Graphs

Refer to the “CCEM Graphs” section of the user manual.

7

Campaigns

of Vaccines Logistics Management Information System

This section explains the overview of the Campaign User and describes the tasks to be performed using Vaccine Logistics Management Information System.

Campaigns

Supplemental Immunization Activities (SIAs) commonly known as Campaigns against Poliomyelitis or Polio. In the early 20th century, polio was one of the most feared diseases in industrialized countries, paralyzing thousands of children every year. Soon after the introduction of effective vaccines in the 1950s and 1960s, however, polio was brought under control and practically eliminated as a public health problem in these developed countries.

Deriving strength from the experience gained in the developed countries, the World Health Assembly adopted a resolution in 1988, voicing firm resolve of the nations to eradicate polio from the globe through a world-wide Polio Eradication Initiative (PEI). Although the resolution was co-sponsored by Pakistan, PEI could not be launched in the country owing to scarcity of resources. However, PEI assumed top priority in public health in Pakistan in the aftermath of a massive outbreak of polio in 1993 which crippled thousands of children and resulted in the death of hundreds of them.

Since then, Supplemental Immunization Activities (SIAs) known as National Immunization Days (NIDs), Sub-national Immunization Days (SNIDs), Short Interval Additional Doses (SIADs), Outbreak Response and Mop-ups are being conducted in the light of the evolving epidemiologic situation in

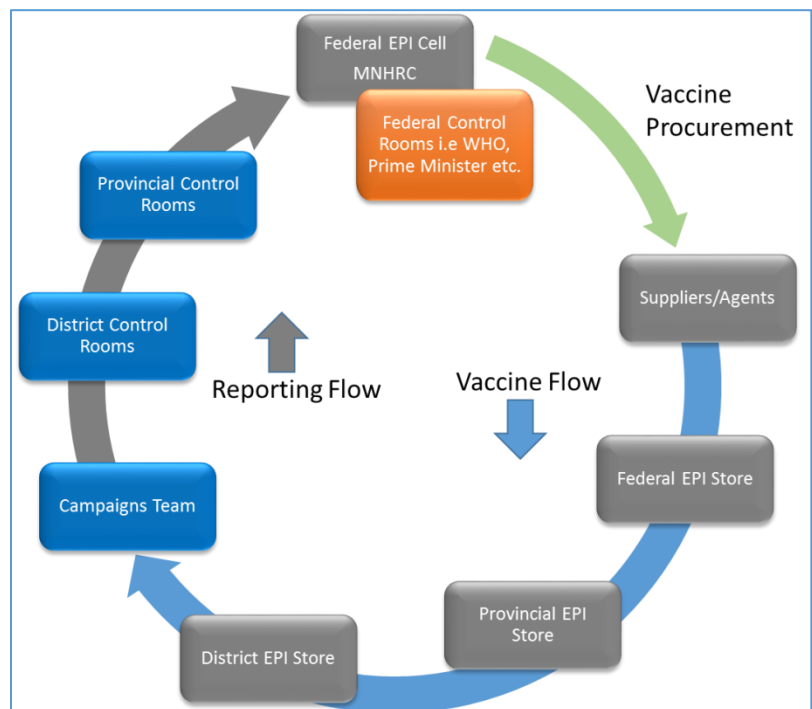
various parts of Pakistan. PEI has to continue till the goal of polio eradication is achieved and Pakistan joins the club of Polio Free Countries.

It is pertinent to mention that, at present, Pakistan is one of the three countries of the world which are polio-endemic. The other two countries are Afghanistan and Nigeria.

Vaccines are administered to women and children in two types of Immunization Programs, Routine and Campaigns. The campaigns are different from routine Immunization. In routine people come to the health facility for immunization while in campaigns, temporary EPI teams, visit door to door and immunize the children to cope any diseases outbreak. Normally in Pakistan, Polio (Poliomyelitis) and Measles Vaccines administration campaigns are present throughout the year.

Campaign Stock and Reporting Cycle

In Current scenario, the FDI cells arrange vaccine from supplier to supply vaccines to country vaccine supply chain i.e. from FDI store to provincial to district EPI store, where it is provided to each Union Council (UC) Teams In-charge. Vaccines are supplied to teams through UC In-charge on daily basis. Team provided coverage reports to UC In-charge, who sends data to district control rooms, where data is entered into WHO made MS Access based software "SDMS". A file from SDMS is exported and sent to Provincial Control Rooms, where file is imported into SDMS provincial copy.



Campaign Enhancements

In Release-1 of the application, campaigns figures were added on monthly aggregation basis such as routine immunization. However, in Release-2, campaigns are introduced as separate module

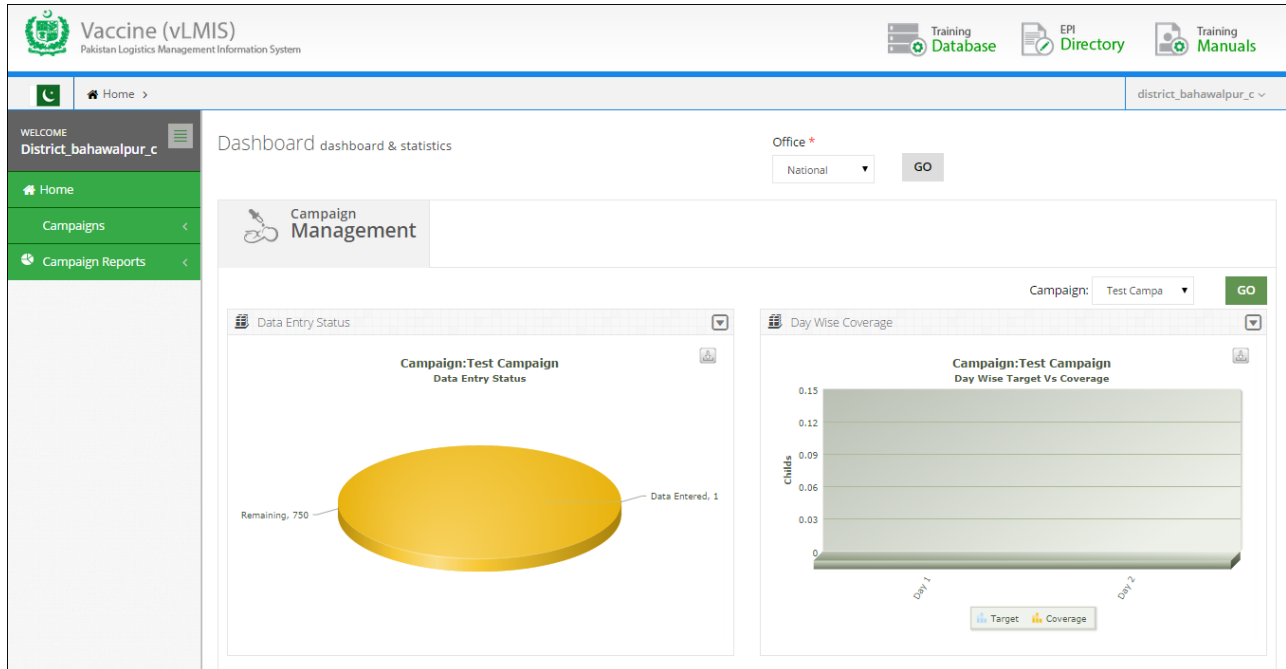
instead of enhancement in consumption reporting module. It is due to the users of campaigns module are different as compared to consumption module.

The scope of this module is limited to the following features in campaigns management:

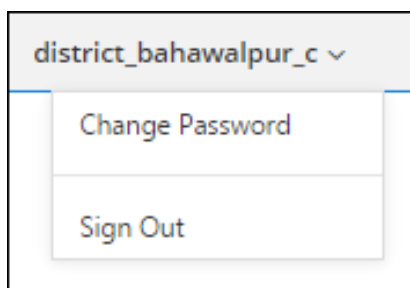
- Addition of new campaigns, dates, vaccines and other attributes
- Setting up the population targets for each campaign
- Manage Readiness of campaigns at UC and districts levels
- Data Entry at Districts Control rooms for Campaign days and Catch up days
- Monitoring tool Lot Quality Assurance Sampling (LQAS) data entry
- Monitoring reports at Federal, provincial and districts levels
- Data export for external analysis tools

Campaign User

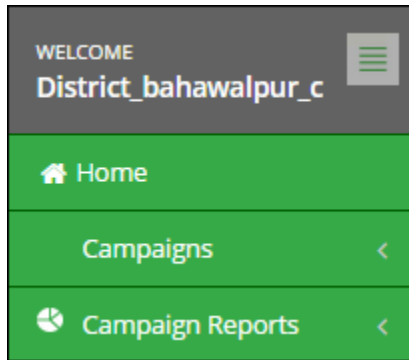
Logging in to the District Campaign user account displays the account's Home page screen with Campaign Management dashboard.



User can sign out of the application by using the following link on the right side of the screen.



On the left side of the dashboard screen, the campaign user will see the following tabs:



The district campaign user screen includes the following features:

- **Campaign Dashboard:** The homepage of District Campaign user shows campaigns dashboard.
- **Campaigns:** enables the user to perform data entry for the campaigns at the district level.
- **Campaign Reports:** enables the provincial user to view campaign reports.

Campaign Options

Users can perform various activities regarding data entry and adding campaign readiness at district as well as UC level. System provides a separate module for immunization campaigns all over the country. This module will contain data entry of each campaign.

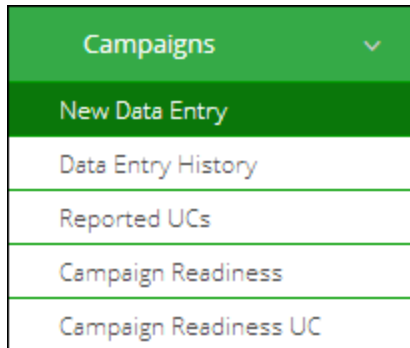
User can perform the following:

- **New Data Entry:** Users can perform data entry in the system using this link.
- **Data Entry History:** Users can view the data entry history at UC level by using this link.
- **Reported UCs:** Users can view a list of reported UCs and reporting rate by using this link.
- **Campaign Readiness:** Users can view, add and edit campaign readiness for each district by using this link.
- **Campaign Readiness UC:** Users can view, add and edit campaign readiness for each UC by using this link.

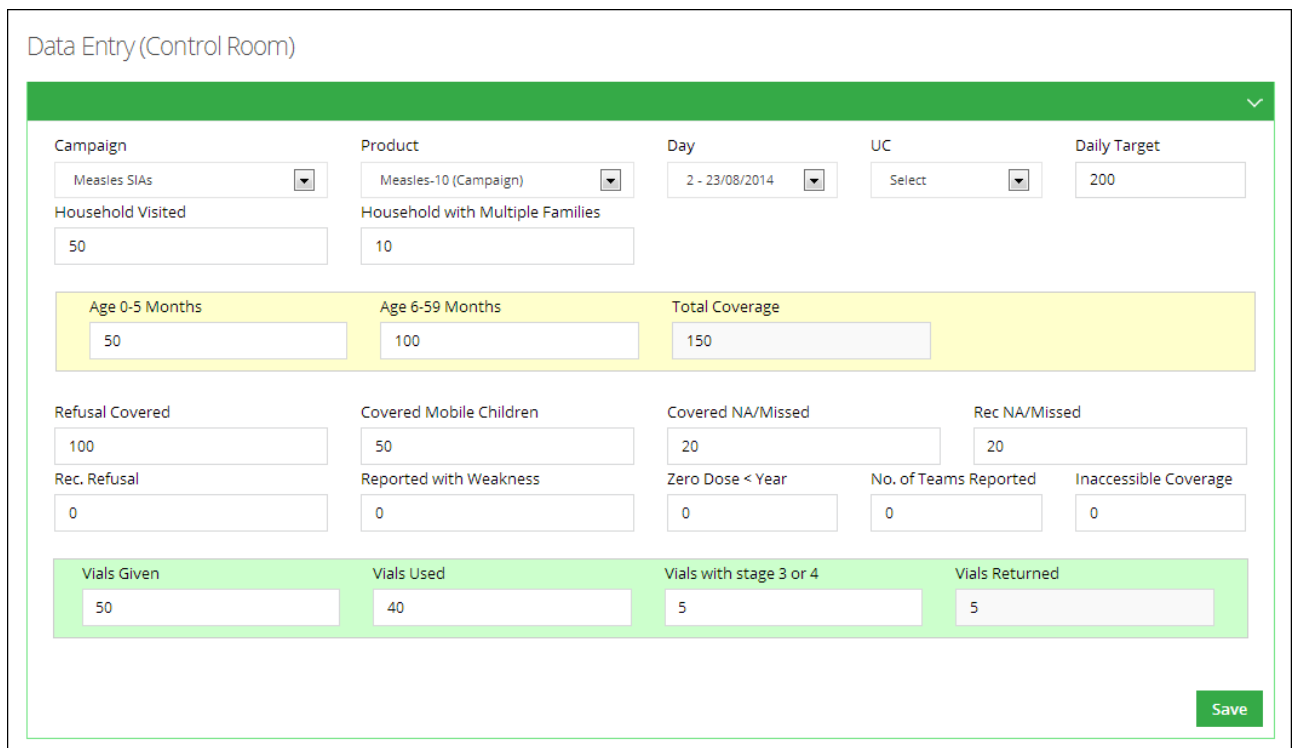
New Data Entry

Users can add campaign data for each UC based on the number of campaign days.

Click **Campaigns** from the main menu and select **New Data Entry**.



New Data Entry screen displays. Enter data in the required fields.



The 'Data Entry (Control Room)' form contains the following fields and values:

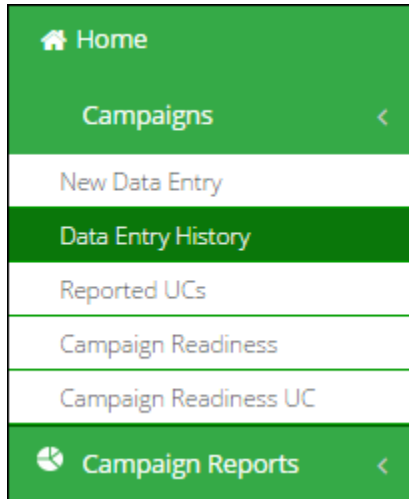
Campaign	Product	Day	UC	Daily Target
Measles SIAs	Measles-10 (Campaign)	2 - 23/08/2014	Select	200
Household Visited	Household with Multiple Families			
50	10			
Age 0-5 Months	Age 6-59 Months	Total Coverage		
50	100	150		
Refusal Covered	Covered Mobile Children	Covered NA/Missed	Rec NA/Missed	
100	50	20	20	
Rec. Refusal	Reported with Weakness	Zero Dose < Year	No. of Teams Reported	Inaccessible Coverage
0	0	0	0	0
Vials Given	Vials Used	Vials with stage 3 or 4	Vials Returned	
50	40	5	5	

Save

Click **Save** to save the added data.

Data Entry History

With the help of Data Entry History tab, the users can search the data entry history of different campaigns. By using search filters, the users can narrow down the data entry history for each day of the campaign.



Users can select the following filters:

- **Campaigns:** displays the list of campaigns.
- **Province:** displays the list of provinces where the selected campaign is being conducted.
- **District:** displays the list of districts where the selected campaign is being conducted.
- **Product:** displays the product for which the campaign is being conducted.
- **Day:** Select one particular day from the list in which the campaign is being conducted.

Click **Search** to show the desired results as shown below. You can also search within the displayed records.

Campaigns Data Entry Details

Campaigns Data Search

Campaigns: Campaign Test Province: Punjab District: Bahawalpur Product: bOPV Day: All **Search**

5 records Search:

Sr.No.	UC	Daily Target	Reported Teams	Age 0-5 Months	Age 6-59 Months	Total Coverage	Action
1	37 B/C	50	5	75	100	175	View
2	44/DB	0	0	0	0	0	View
3	47/DNB	12,344	343	123	123	246	View
4	Urban Yazman	23	23	23	23	46	View

Showing 1 to 4 of 4 entries < 1 >

Campaign Readiness

By using Campaign Readiness Search, the users can search the targeted campaign from the list of campaigns. User can enter the status of different indicators of a campaign at District level. By using these indicators, the National user will make decision on the readiness of a campaign.

Campaign Readiness

Campaign Readiness Search

Campaign

Select

Campaign Readiness List

10 records per page

District	Campaign	No. of telly sheets received	No. of finger markers received	Arrival Date of social mobilization material	Action
Bahawalpur	Test Campaign	5	600	08/08/2014	<input type="button" value="Edit"/>
Bahawalpur	Tester	34	34	08/08/2014	<input type="button" value="Edit"/>

Showing 1 to 2 of 2 entries

Edit Campaign Readiness

By using Edit Campaign Readiness, the users can edit/update campaign readiness data, e.g. the vaccine, required vials, number of tally sheets received, number of finger markers received.

Edit the required information and click **Update**.

Edit Campaign Readiness ×

Campaign

Test Campaign

Vaccine

Vials Required

Vials Available

No. of tally sheets received

No. of finger markers received

Arrival date of social mobilization material

Date of DPEC Meeting

Dco Attended Meeting

Edo Attended Meeting

All Members Attended Meeting

Remarks

Update

Add Campaign Readiness

With the help of Add Campaign Readiness tab, the user can enter the status of different indicators of a campaign at District level.

Add the required details and click **Save**.

Add Campaign Readiness ×

Campaign
Campaign Test ▼

Vaccine bOPV	Vials Required 	Vials Available
------------------------	---------------------------	----------------------------

No. of tally sheets received 100	No. of finger markers received 800
--	--

Arrival date of social mobilization material 06/08/2014	Date of DPEC Meeting 04/08/2014
---	---

Dco Attended Meeting
Edo Attended Meeting
All Members Attended Meeting

Remarks

Save

Campaign Readiness UC

The Users can enter readiness of campaign data at UC level by using Campaign Readiness UC tab. By using Campaign Readiness UC Search, the users can search the targeted campaign from the list of campaigns by selecting the campaign and the required UC. By using these indicators, the National user will make decision on the readiness of a campaign.

Campaign Readiness

Campaign Readiness Search

Campaign: Uc:

Campaign Readiness List

10 records per page

UC	Targeted	Inacc	mobile Pop.	Inacc Areas	Areas ICs	Mobile Teams	Fixed Teams	Transit pt.	AICs Trained	Teams Trained	UPEC meeting	Action
BHU 183/M	22	22	2	22	12	12	22	2	2	5	04/08/2014	<input type="button" value="Edit"/>
Hospital Hasilpur	15	15	3	2	5	5	3	2	14	3	07/08/2014	<input type="button" value="Edit"/>
ACD Tando Jam	0	0	12	1	36	36	5	2	4	5	11/08/2014	<input type="button" value="Edit"/>

Showing 1 to 3 of 3 entries

Edit Campaign Readiness

By using Edit Campaign Readiness, the users can edit/update campaign readiness data, e.g. the vaccine, required vials, number of tally sheets received, number of finger markers received.

Edit the required information and click **Update**.

Edit Campaign Readiness ×

Campaign	UC
<input type="text" value="Test Campaign"/>	<input type="text" value="BHU 183/M"/>
Targeted	
<input type="text" value="444"/>	
Inaccessible Children	No. of mobile teams
<input type="text" value="22"/>	<input type="text" value="12"/>
Inaccessible Area	No. of fixed teams
<input type="text" value="22"/>	<input type="text" value="22"/>
Area In-charge	No. of Transist Points
<input type="text" value="22"/>	<input type="text" value="2"/>
AICs Trained	No. of Teams Trained
<input type="text" value="2"/>	<input type="text" value="5"/>
Areas with mobile population	Date of UPEC Meeting
<input type="text" value="2"/>	<input type="text" value="2014-04-08 00:00:00"/>

Add Campaign Readiness

With the help of Add Campaign Readiness tab, the user can enter the status of different indicators of a campaign at District level.

Add the required information and click **Save**.

Campaign Readiness at UC ×

Campaign <input type="text" value="Select"/>	UC <input type="text" value="Select"/>
Targeted <input type="text"/>	No. of mobile teams <input type="text"/>
Inaccessible Children <input type="text"/>	No. of fixed teams <input type="text"/>
Inaccessible Area <input type="text"/>	No. of Transist Points <input type="text"/>
Area In-charge <input type="text"/>	No. of Teams Trained <input type="text"/>
AICs Trained <input type="text"/>	Date of UPEC Meeting <input type="text"/>
Areas with mobile population <input type="text"/>	

Save

Reported UCs

The users need to report per day consumption of particular campaign in a district and the reporting status of these districts can be viewed in Reported UCs tab.

Select the campaign and click **Search**.

Reported UCs for the selected campaign will be displayed in the list along-with the reporting status.

Reported UCs Search

Campaign	Total UCs	Reported UCs	Reporting Rate
OutBreak BCG-20 01 Aug 2014	19	1	5.26%

Search **Reset**


Reported UCs List

10 records per page

Sr.No.	UC	Reporting Status
1	B.V.Hospital	Reported
2	BHU 1/DNB	Non-Reported
3	BHU 106/DB	Non-Reported
4	BHU 113/DB	Non-Reported
5	BHU 183/M	Non-Reported
6	BHU Kudwala	Non-Reported
7	BHU Mithra	Non-Reported
8	District Bhawalpur Store	Non-Reported
9	Hospital Hasilpur	Non-Reported
10	RHC Chanigoth	Non-Reported
11	RHC Dera Bakha	Non-Reported
12	RHC Khanqah Sharif	Non-Reported
13	RHC Lal Sohanra	Non-Reported
14	RHC Mubarikpur	Non-Reported
15	RHC Qaampur	Non-Reported
16	RHC Uch Sharif	Non-Reported

Campaign Reports

Users can also view the campaign reports from the Campaigns main-menu.

 Campaign Reports ▼
Campaign Summary (Coverage)
Campaign Detail (Coverage)
Catch up

Campaigns Summary (Coverage)

This report helps user to get list of all campaigns in a summary form. The list can be generated on all parameters required for adding a campaign.

Select **Province** and the **Year** for which you want to view report.

A list of districts for the selected province will be displayed along-with the analytical report for the data.

Consumption Reports (Campaign)

▼

Coverage Report – Campaign Summary

Province * Year * Search

Coverage Report – Campaign Summary										
District	Daily Target	No. of Teams Reported in the evening	0-5 Months	5-59 Months	Recorded NA	Recorded Refusal	Covered NA	Covered Refusal	Number of Mobile-Migratory children covered	Total Coverage
Bahawalpur	12795	380	1076	1178	1265	1268	1281	1289	232	2254
Hyderabad	1250	36	200	990	5	5	0	0	0	1190
Quetta	2900	114	468	3163	275	162	230	181	176	3631
Rawalpindi	170	3	28	117	15	0	0	1	10	145

Campaigns Detail (Coverage)

This report helps user to get list of all campaigns in detailed form. The list can be generated on all parameters required for adding a campaign.

Select **Province**, **District** and the **Campaigns** for with you want to view the report.

A list of tehsils for the selected district will be displayed along-with the analytical report for the data for each tehsil.

Consumption Reports (Campaign)

Coverage Report - Campaign Detail
▼

Province *

District *

Campaigns *

Search

Coverage Report – Campaign Detail											
Tehsil	UC	Daily Target	No. of Teams Reported in the evening	0-5 Months	5-9 Months	Recorded NA	Recorded Refusal	Covered NA	Covered Refusal	Number of Mobile-Migratory children covered	Total Coverage
Hasilpur	188/M	123	9	831	823	13	13	14	17	62	1654
Yazman	1/DNB	58	23	30	56	25	25	25	25	28	86
Hasilpur	H-38 Urban	250	5	81	126	15	17	18	12	14	207
Bahawalpur City	Urban No. 3	20	0	11	50	0	1	1	2	6	61
Yazman	106/DB	12344	343	123	123	1212	1212	1223	1233	122	246
Hyderabad Rural	Moosa Khatiyar B	1250	36	200	990	5	5	0	0	0	1190
Quetta	Ward 10	1200	90	468	1748	154	110	22	22	68	2216
Quetta	Ahmed Khanzai	1000	0	0	600	68	0	86	90	108	600
Quetta	U.C- 44	700	12	0	482	23	32	88	46	0	482
Quetta	Hanna	0	12	0	333	30	20	34	23	0	333
Kotli Sattian	Ariari	55	0	5	35	15	0	0	0	5	40
Rural(Rvp)	Adyala	50	3	10	40	0	0	0	0	5	50
City	U.C No. 30	65	0	13	42	0	0	0	1	0	55

Catch-Up

It is a monitoring report to find how much this campaign has been effective on the tehsil level.

Select **Province**, **District** and the **Campaigns** for with you want to view the report.

A list of tehsils for the selected district will be displayed along-with the analytical report for the data for each tehsil.

Consumption Reports (Campaign)

Coverage Report - Catch Up
✓

Province *

District *

Campaigns *

Coverage Report - Catch Up								
Tehsil	UC	Still Missed After Campaign Activity	Still NA	Still Refusal	Catch-up Missed Children Covered After Campaign Activity	NA Covered	Refusals Covered	Un-recorded Missed Children Covered
Hasilpur	188/M	-5	-1	-4	31	14	17	26
Yazman	1/DNB	0	0	0	50	25	25	50
Hasilpur	H-38 Urban	2	-3	5	30	18	12	32
Bahawalpur City	Urban No. 3	-2	-1	-1	3	1	2	1
Yazman	106/DB	-32	-11	-21	2456	1223	1233	2424
Hyderabad Rural	Moosa Khatiyani B	10	5	5	0	0	0	10
Quetta	Ward 10	220	132	88	44	22	22	264
Quetta	Ahmed Khanzai	-108	-18	-90	176	86	90	68
Quetta	U.C- 44	-79	-65	-14	134	88	46	55
Quetta	Hanna	-7	-4	-3	57	34	23	50
Kotli Sattian	Anari	15	15	0	0	0	0	15
Rural(Rwip)	Adyala	0	0	0	0	0	0	0
City	U.C No. 30	-1	0	-1	1	0	1	0



USAID GLOBAL HEALTH SUPPLY CHAIN PROGRAM

Procurement and Supply Management