WHO-SEARO
HEALTH INFORMATION
PLATFORM (HIP)
Standard Operating Procedures

2016
NOTE: Using Google Chrome is the preferred internet browser for HIP to avoid viewing issues and errors.

Getting Started

Getting started with the Health Information Platform (HIP) application is very simple. Below are step-by-step instructions you need for proper functioning of the platform. Prerequisite are an internet connection on your laptop or desktop with (preferably) Google Chrome browser. Once you enter the url in your browser, you will come to this hompage:

![Health Information Platform](image)

From this landing page for *Health Information Platform for the WHO South-East Asia Region*, users can access country health data and statistics without logging into the the underlying DHIS2 software application. In this way, users who do not have a DHIS2 login account or are unfamiliar with the software can easily access, query, view and download any of the data.

The data can be fetched in the form of tables, charts and maps. A link is also provided to see some predefined health monitoring dashboards. Currently available are dashboards for monitoring progress towards Universal Health Coverage (UHC) and the health-related Sustainable Development Goals (SDG) plus other health theme dashboards.

There are four toolboxes which can be used to access sets of global health estimates and nationally reported health indicator data for the 11 countries in the WHO South-East Asia Region.

- Generate Tables
- Create Charts
- Render Maps
- View Dashboards
Authenticated DHIS2 users can also login to the application using their DHIS2 user name and password, with a link provided on the landing page. Additional features and functionalities are available through the DHIS2 interface. This document will guide use of the 4 tools only.

For the first three tools, there are several options and parameters the user can select to access and analyze specific indicators, for certain countries or the region, and select years. Users are able to customize the tables, charts, or maps with data as per selection made.

**Generate Tables**

In order to generate data in form of table, users need to click first toolbox: Generate Tables. User will need to make selections to get the table.
Once user clicks on **Generate Tables**, user will get some options.

1. **Select Level:** The user has to select by clicking on the level of the organisation unit to enable the data query. Currently, there are 3 levels available in the HIP application; Global, SEARO and individual countries. Multiple countries can be selected by using the “Ctrl” button when clicking additional countries.

2. Based on level selection next list will be loaded, if the Country level is selected then list of countries will be loaded. 
   *In case user want to select SEAR along with countries then user has to select SEAR first then user can select country too.*

3. **Next selection is to be made for period,** user needs to select the years for which the table is to be generated, the list of periods for which the data is available in platform.

4. **Once the period and organisation units have been selected then Indicators need to be selected.** To filter the indicators into a more manageable view, groups have been created organizing the indicators into smaller sets which needs to be selected first.
6. Once the Indicator group is selected then in next list box, all the available indicators of selected group will be loaded into the dropdown list. Next the user will need to select indicators from here. User can select multiple indicators too.

The name of indicators are too long to appear on the screen easily. To overcome this, a horizontal slider bar is also added to this list so that user can scroll to left and right in order to read complete name of indicators.

7. Once all the selection is made then user can click on Generate Table button and a next tab on browser will open which will contain the table based on the selection made by user.
9. Below is the screen which contains the data, the table can also be downloaded for further use.

![Screen view of data]

**Create Chart**

Selection of organisation units, period and indicators will be same for **Create Chart** as for Generate Tables, the only difference will be the output. Earlier the output was a single table but now the output will be different types of chart. The types of charts available are:

- Column chart
- Line chart
- Stacked chart
- Area Chart
- Pie Chart
These type of charts will generate the charts based on user-defined parameters. So while making selections, the user has to make selections in such a way that the appropriate chart can be generated.

The charts can also be downloaded as images and can also directly be printed.

**Render Map**

Data in maps can be rendered using landing page. **Render Map** can generate output for a single period and for all countries and for a single indicator only. Make sure you are making correct selection to render data in map.

There is option for period and indicator selection.

Once the selection is made then click on Generate Map button, a new tab will open which contains the data in the map. In background map for the globe will be available.
View Dashboards
This is a link which will redirect to a set of predefined health situation and trend assessment monitoring dashboards for UHC, SDG and other health theme dashboards.

DHIS2 login

The user can login to the DHIS2 application directly with case-sensitive username “Guest” and password “Guest2016” to avail of the core features and functionality of the software. If a user has an account in DHIS2 application, they can login to the application using their own credentials. Once verified, the user will be redirected to the DHIS2 application where user can perform further actions.