e-MITRA

Mobile Integrated Toolkit for
RMNCH+A for All Districts
Including Aspirational Districts

Ministry of Health and Family Welfare
National Health Mission, Government of India

ABOUT THE USER GUIDE

This User Guide describes the features, benefits, workflow, and roles offered by the e-MITRA application as well as the step-by-step guide .

Conventions:
The conventions used in this manual are:

CONVENTION	DESCRIPTION
Note:	Shows additional information about a step or concept. Notes are written in italics and contained in grey boxes.
UI Element	Used to describe on screen elements like buttons, drop-down lists, etc. The name of the elements is in **Bold, underlined.**
	Used to describe the flow of the steps.

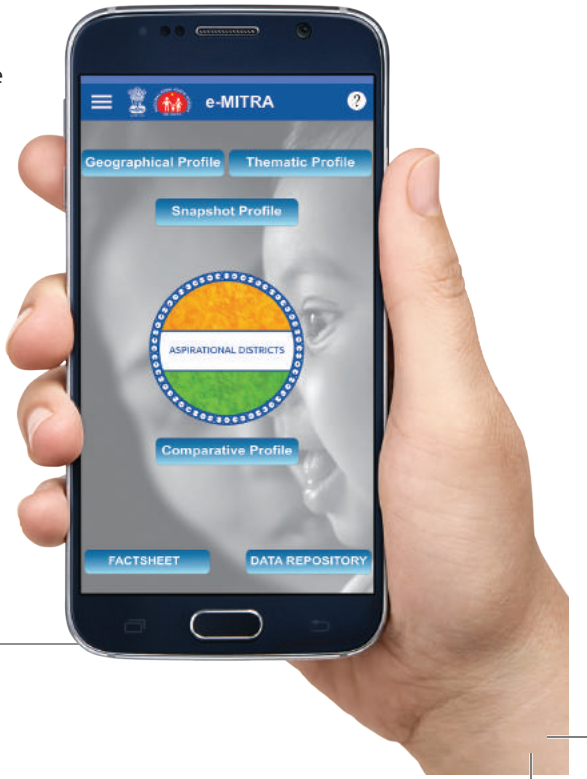
Current Usage (Percent)
India
Andhra Pradesh
Anantapur
Area List
Andhra Pradesh
Punjab
Maharashtra
Puducherry
Haryana
Chandigarh
West Bengal
Telangana
Chhattisgarh
Rajasthan
Tamil Nadu
e-MITRA
Geographical Profile
Thematic Profile
Snapshot Profile
ASPIRATIONAL DISTRICTS
Comparative Profile
FACTSHEET
DATA REPOSITORY
COMPARE
State

e-MITRA

e-MITRA is a mobile based application. It is a platform to access RMNCH+A data from multiple sources. The application can be downloaded from Google Play store (for Android phone users) as well as from App Store (for iPhone users).

The home screen has seven tabs:

1. **GEOGRAPHICAL PROFILE:** The app allows user to view data for multiple geographies across India, or a specific state or a district for a single indicator.
2. **THEMATIC PROFILE:** The app allows user to view data for any one indicator across multiple geographies.
3. **SNAPSHOT PROFILE:** The app allows user to view data for key performance indicators for any one geographical area.
4. **ASPIRATIONAL DISTRICTS:** This feature allows user to view data for key performance indicator for any aspirational/Niti aayog districts.
5. **COMPARATIVE PROFILE:** The app allows user to compare data of multiple geographies for key performance indicators.
6. **FACTSHEETS:** The app gives direct download of factsheets from different survey.
7. **DATA REPOSITORY:** Gives the option of multiple sources – Survey, HMIS, SSV and Census. Survey options include – NFHS, DLHS, SRS, AHS, RSOC. For each data repository options it is possible to access individual indicators.



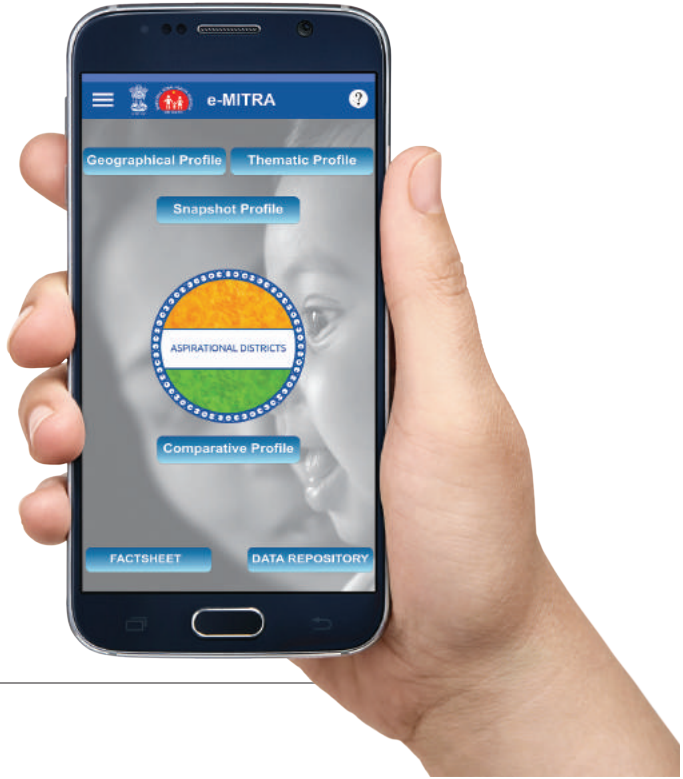
e-MITRA

NAVIGATION

- Tap on this icon to start the application. This image indicates the splash screen which initiates the app and takes to the Home page.

- Home page displays all the profiles, User can navigate to the profiles listed below.
  - **Geographical Profile**
  - **Thematic Profile**
  - **Snapshot Profile**
  - **Aspirational Districts**
  - **Comparative Profile**
  - **Factsheets**
  - **Data Repository**

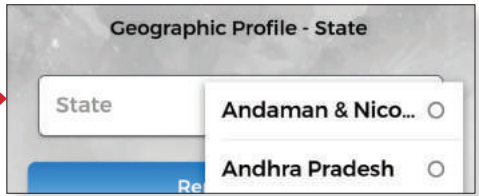
When the application starts after the splash screen the application starts showing loader message "setting up database, Please wait.." where it loads all the data to the local database for some while.

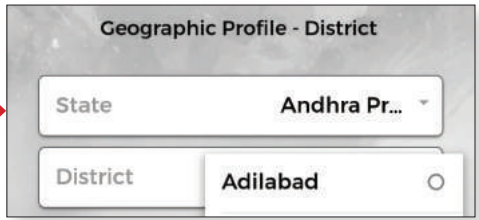


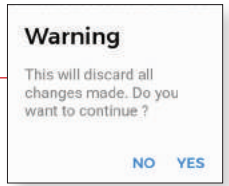
GEOGRAPHICAL PROFILE → GEOGRAPHY SELECTION

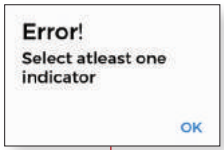
NAVIGATION

- Tap on the button Geographical Profile landing page of geography profile appears for the selection of area and respective indicators .
- User can select state area and district area by swiping left to right of the screen.









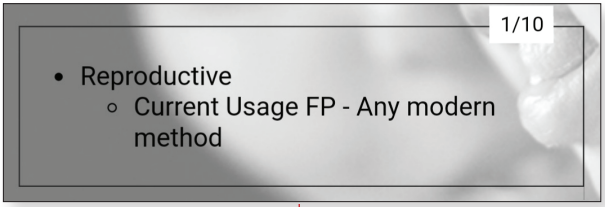
When user clicks on GENERATE button without selecting any indicator app displays an error message.

When user clicks on the RESET button application shows warning.

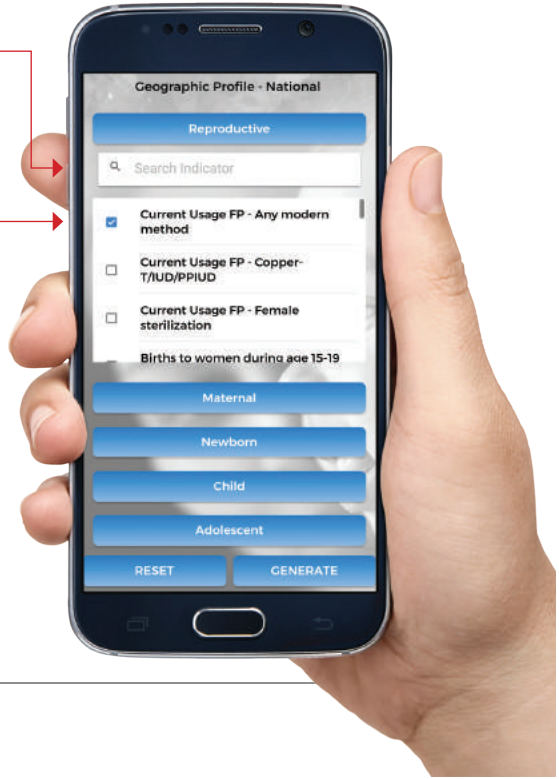
GEOGRAPHICAL PROFILE → INDICATOR SELECTION

NAVIGATION

- Tap on one of the thematic button list of indicators will display underneath with a search bar.
- User can multi select by taping on the check boxes.
- After clicking on the GENERATE button application will navigate to the data table page.



After selection of indicators an user summary appears down the page shows the selection of the indicators. Max selection is 10.



GEOGRAPHICAL PROFILE → DATA TABLE

NAVIGATION

- When user taps on the GENERATE button application takes user to a data table view consists of all the selection's and the respective data values in a table.
- Selection of area from the geographical selection appears at the heading.
- Legends appears according to the selection of indicator from the respective thematic.
- User has to tap on the table, so that application takes the user to the visualization page.

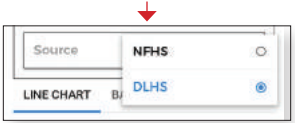
Search bar shows the specific search in the table when user type.

Source column increases with the selection of multiple indicators from different thematic.

GEOGRAPHICAL PROFILE → VISUALIZATION

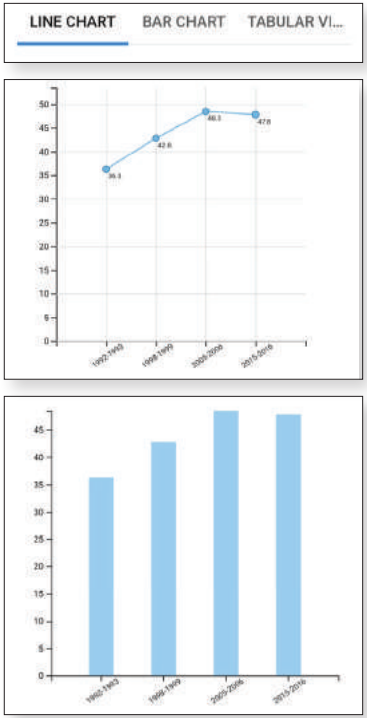
NAVIGATION

- When user taps on the table row, application takes to the visualization landing page.
- User can see all the views by swiping the screen to the different views.
- According to the selection by user trend chart appears as default view.
- In case of a single time period bar chart appears as default.
- User can switch to different sources by tapping on this field.



NFHS	Value
2015-2016	47.8
2005-2006	48.5
1998-1999	42.8
1992-1993	36.3

User can see the values of an area by tapping on the bars in bar chart.



HOME → SNAPSHOT PROFILE (RMNCH+A)

NAVIGATION

- User can navigate to this page from home by tapping on this button.

Snapshot Profile

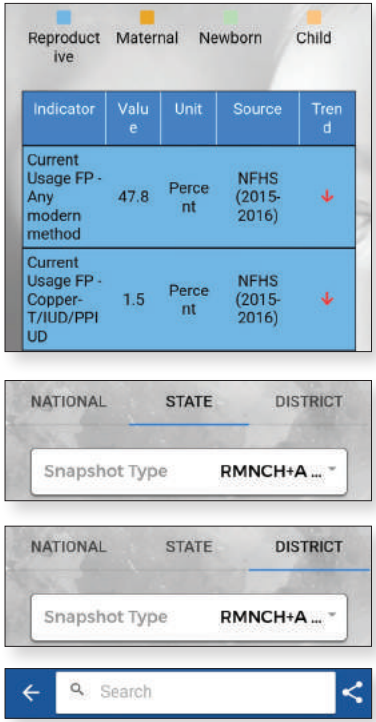
- Default landing page will be national.

- Trend column consists of symbols represents the improvement of the indicator "red" represents decrease in the performance "green" for improvement "hyphen" is for neutral indicator and singe time period.

- User can navigate to different snapshot.
  - **Reproductive Snapshot**
  - **Maternal Snapshot**
  - **Newborn Snapshot**
  - **Child Snapshot**
  - **Adolescent Snapshot**
  - **HMIS Snapshot**
  - **SSV Snapshot**
- User can navigate to different geography by swiping the screen to different area.
- User navigate to the visualization page by tapping on the table.

Legends representing respective thematic.

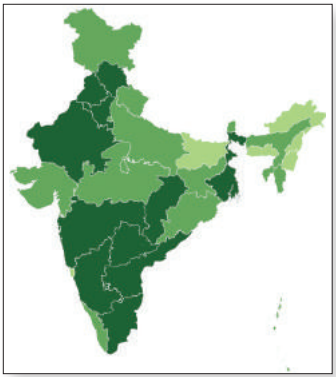
Search bar for specific search in data table.

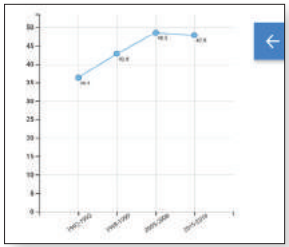


SNAPSHOT PROFILE → VISUALIZATION

NAVIGATION

- Tap on the row from the table, application takes the user to the visualization view.
- Visualization views appears conditionally for national, state and district.
- Map view appears for National, state but not for district.
- Bar chart appears default when indicator have single time period or it considered as neutral indicator.
- User can navigate to different view by tapping on this button.
- User can navigate to the page where it shows all the list below or above average of area.



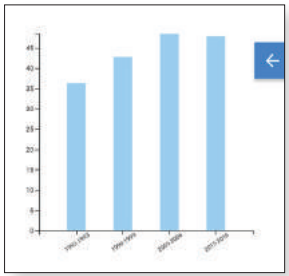


Time period	Value
2015-2016	47.8
2005-2006	48.5
1998-1999	42.8
1992-1993	36.3

Equal to/ Above national average = 17 states

Below national average = 19 states

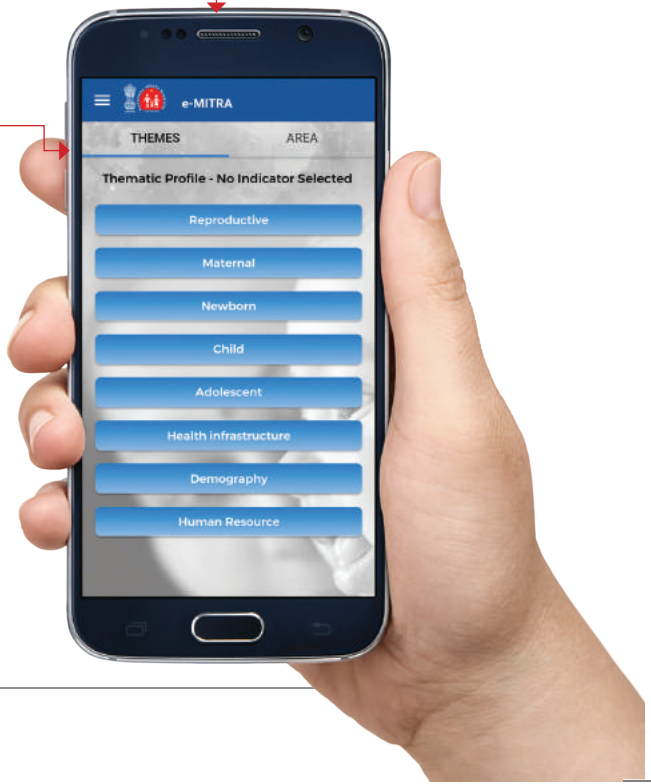
Andhra Pradesh	69.4
Punjab	66.3
Maharashtra	62.6



HOME → THEMATIC PROFILE

NAVIGATION

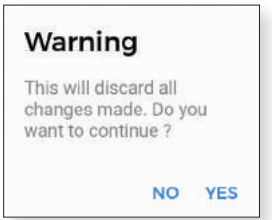
- Click on this Thematic Profile button from the home page, landing page of the thematic profile appears.
- User can select among the themes and area by swiping the screen.
- User has to select indicator from respective thematic buttons and then area.

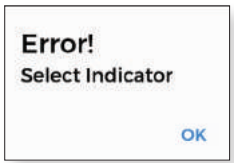


THEMATIC PROFILE → INDICATOR SELECTION

NAVIGATION

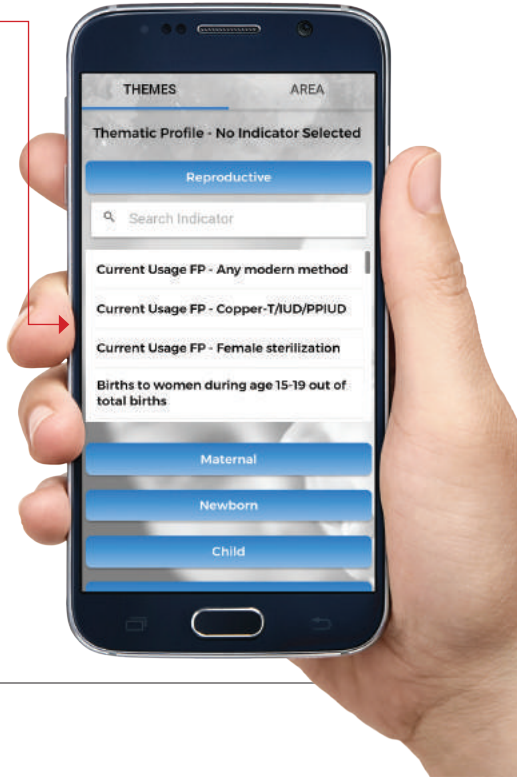
- Tap on the respective thematic button to display all the indicators that comes under the theme (Single select).





When user taps on the RESET an error message displays if the selection is made.

Without selection of any indicator when tap GENERATE application displays an error message.

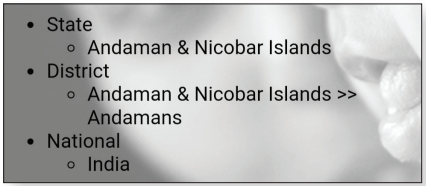


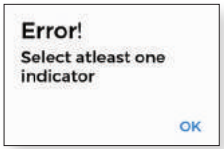
THEMATIC PROFILE → AREA SELECTION

NAVIGATION

- After the selection of indicator from the theme page, application will automatically swipe the page of area selection or user can swipe manually to the area.

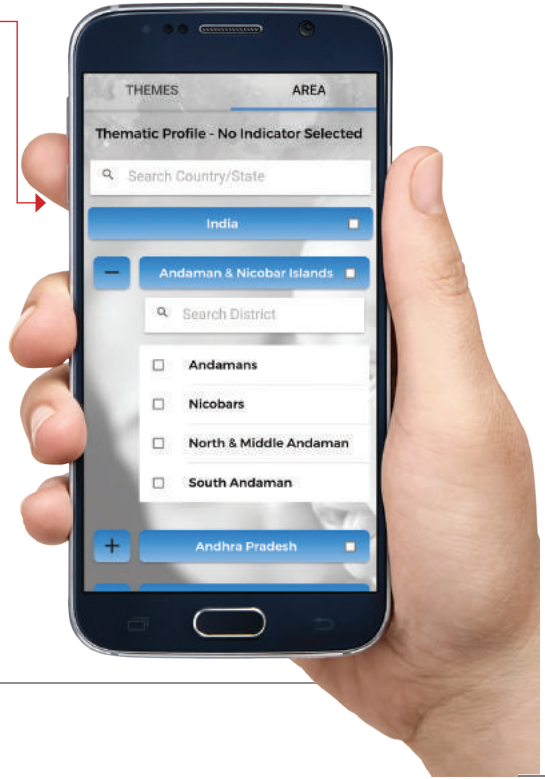
- User can select multiple districts by tapping on the state button list of districts displays.





When user doesn't select any area and taps on the GENERATE an error message displays.

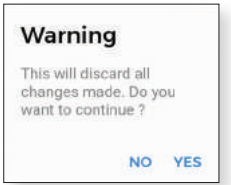
According to the selection of area below appears a list of area selected in a user summary format.



THEMATIC PROFILE → DATA TABLE

NAVIGATION

- Tap on this GENERATE button application takes to the data table page.
- Before the table appears loader appears until all the data fetch from the local database.
- Selected indicator comes at top of the page.
- Search bar shows specific data in the table according to the entry.
- Tap on the table to navigate to the visualization page.

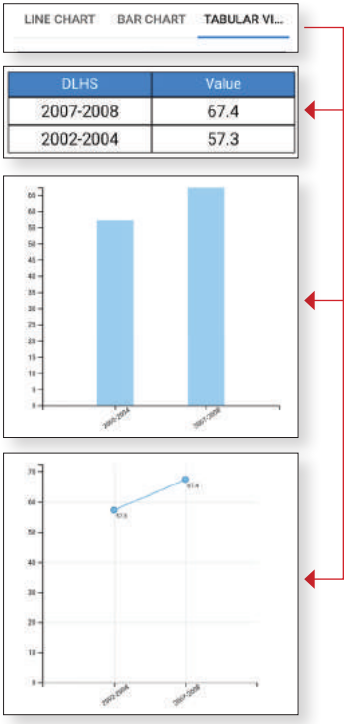


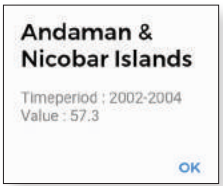
When user taps on the RESET an error message displays if the selection is made.

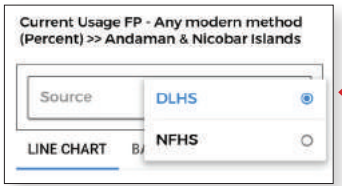
THEMATIC PROFILE → VISUALIZATION

NAVIGATION

- Tap on the table, application navigate to the visualization page.
- User can move to different view by swiping the screen.
- Views appears according to the time period of the source for that selected indicator.
- For example: bar chart appears as default for single time period.
- User can select different source by tapping on this field.





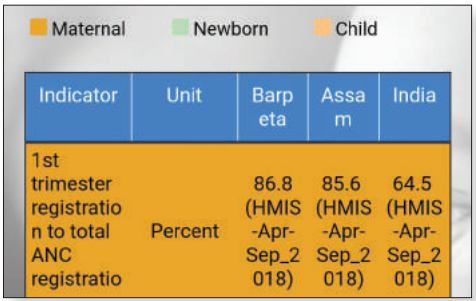


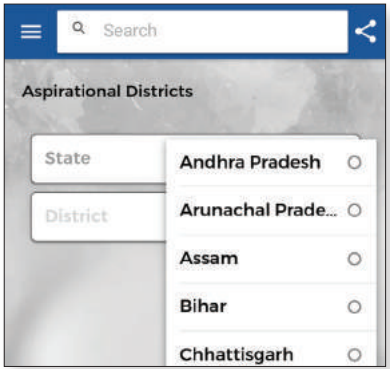
When user tap on any bar a modal appears telling values of the selected area.

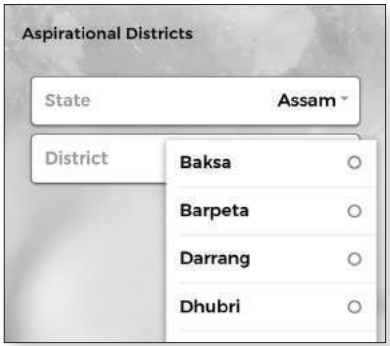
HOME → ASPIRATIONAL DISTRICTS

NAVIGATION

- Tap from Home page "Aspirational districts" or from menu bar.
- User can select state from the drop down and the respective aspirational districts by taping on the drop downs.
- After selection of the aspirational districts a data table is generated down the drop downs.
- Tap on this table application navigates to the visualization page.



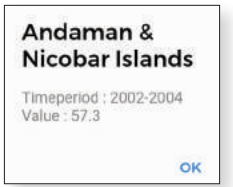




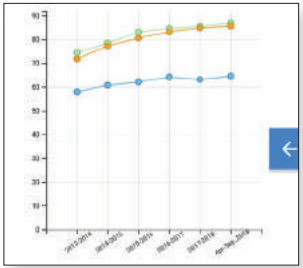
ASPIRATIONAL DISTRICTS → VISUALIZATION

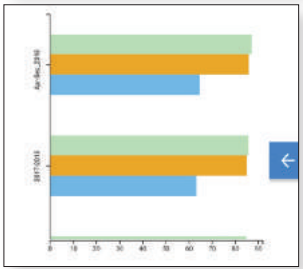
NAVIGATION

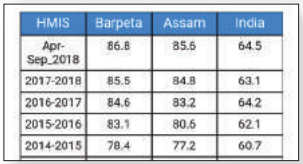
- Tap on the table , application navigates to the visualization page.
- User can navigate to different views by tapping on this button.
- Views appears according to the time period of the source for that indicator with respect to the area.
- Bar chart appears to be default if there is single time period.



User can see the values by tapping on the bar chart.





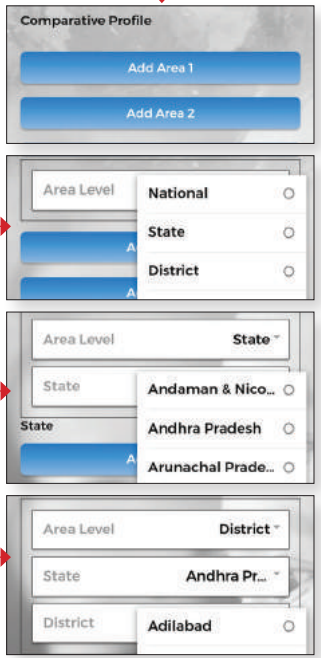


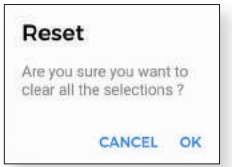
HMIS	Barpeta	Assam	India
Apr-Sep_2018	86.8	85.5	64.5
2017-2018	85.5	84.8	63.1
2016-2017	84.6	83.2	64.2
2015-2016	83.1	80.5	62.1
2014-2015	78.4	77.2	60.7

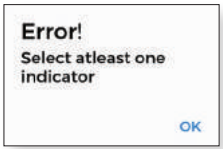
HOME → COMPARATIVE PROFILE

NAVIGATION

- Tap Comparative Profile from home page to navigate to the comparative profile landing page.
- User can add area by tapping on the add area button.
- Without selecting any area if user taps on application shows an error message.
- Tap on the compare button, application navigates to the visualization page.







When user taps on the RESET an error message displays if the selection is made.

Without selection of any indicator when tap GENERATE application displays an error message.

COMPARATIVE PROFILE → DATA TABLE

NAVIGATION

- Tap on the COMPARE button application navigates to the data table page.

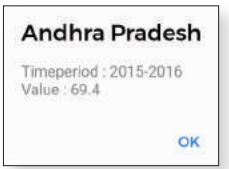
Search bar can show specific search in the table below.

Legends appears before the table representing respective thematic.

COMPARATIVE PROFILE → VISUALIZATION

NAVIGATION

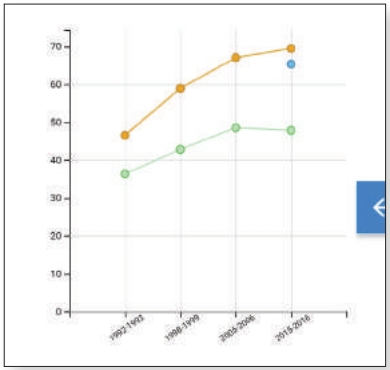
- Tap on any row from the data table application navigates to the visualization page.
- User can navigate to three different views by tapping on this button. ←
- Views appears according to the time period of the source for that indicator with respect to the area.
- Bar chart appears to be default if there is single time period.

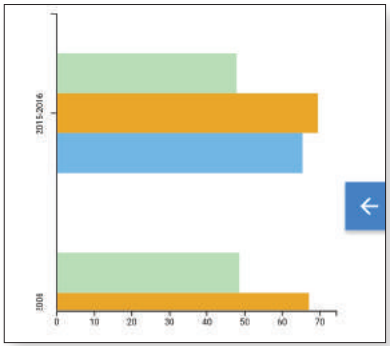


Current Usage FP - Any modern method (Percent)

NFHS	India	Andhra Pradesh	Anantapur
2015-2016	47.8	69.4	65.3
2005-2006	48.5	67.0	-
1998-1999	42.8	58.9	-

User when taps on the bar chart application shows values for that area.

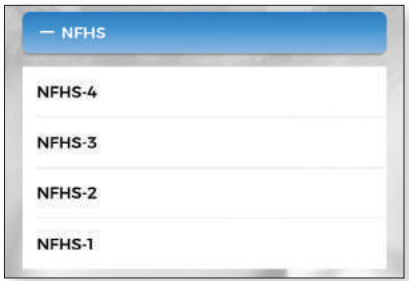


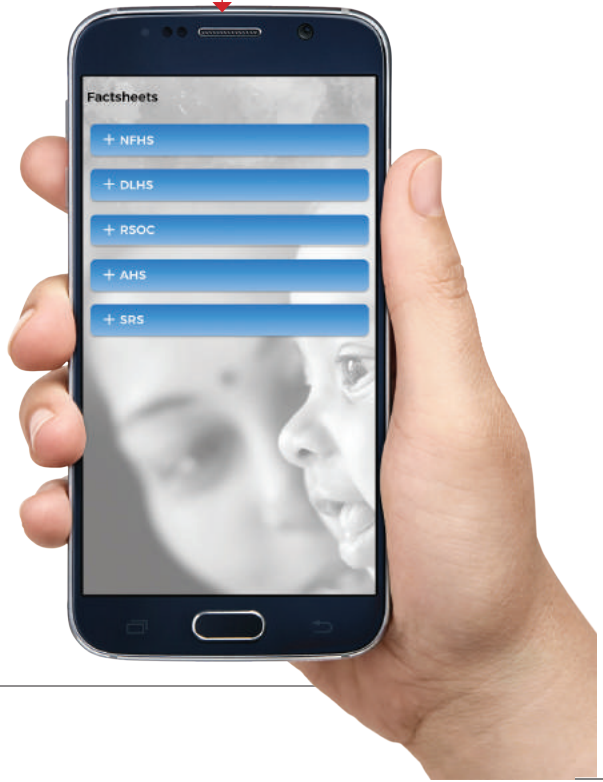


HOME → FACTSHEETS

NAVIGATION

- Tap on this button FACTSHEET from home page.
- User when clicks on the source button down comes a list of survey's of that source.
- When user taps on the survey a navigation box comes down with browser option to display the report online.

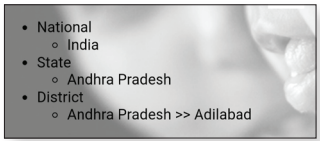


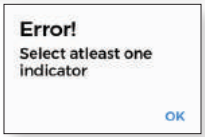


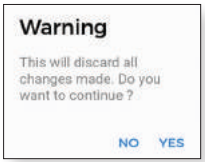
HOME → DATA REPOSITORY

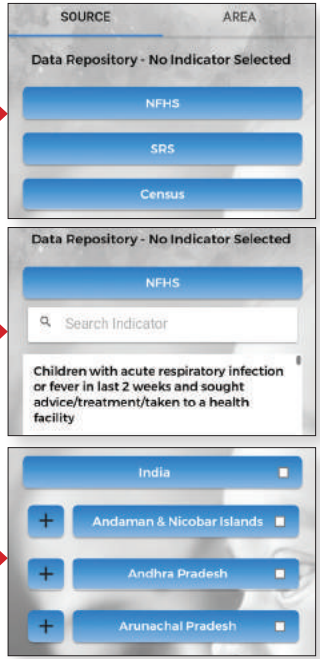
NAVIGATION

- User can navigate to the landing page of the Data Repository from home page.
- User can select indicator that are being reported from the respective source button.
- After selection of indicator user can also select from the list of area by swiping the screen.









After selection of area user can see the selection in the user summary below.

Without any selection when user taps on GENERATE application shows an error message.

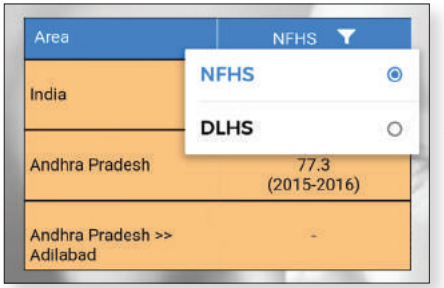
After selection when user selects on RESET shows an message.

DATA REPOSITORY → DATA TABLE

NAVIGATION

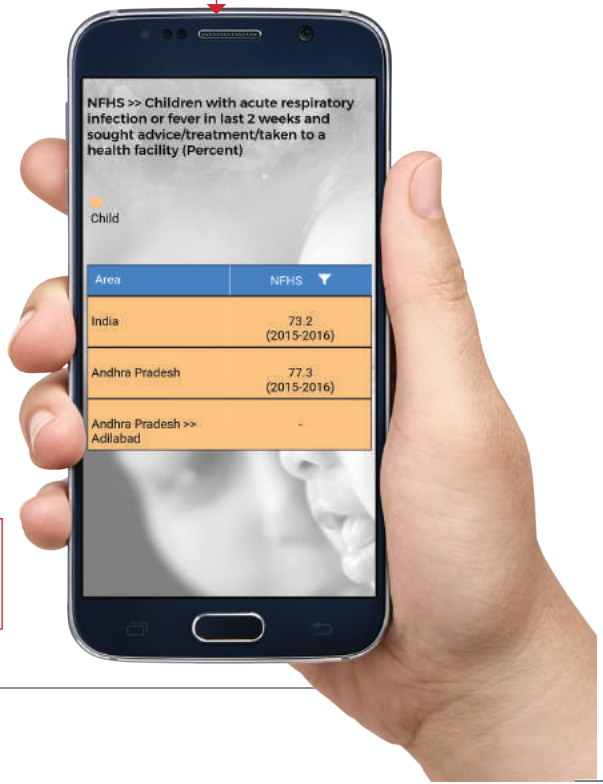
- Tap on this GENERATE button application navigates to the data table page.

- User can filter the source by tapping on this button.



Search bar shows specific data in the data table.

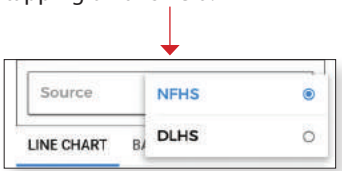
Legends appears dynamically according to the selection of indicator from the thematic.

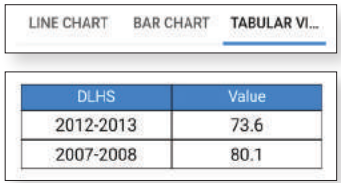


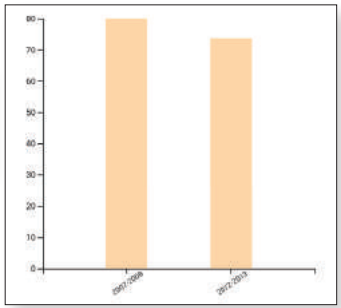
DATA REPOSITORY → VISUALIZATION

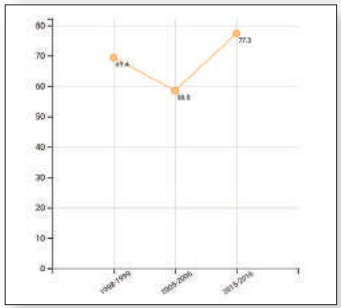
NAVIGATION

- Tap on the table, application navigates to the visualization page.
- User can swipe to different views by the screen to different views to see the data.
- User can also navigate to different source reporting data by tapping on this field.









Ministry of Health and Family Welfare
National Health Mission, Government of India