

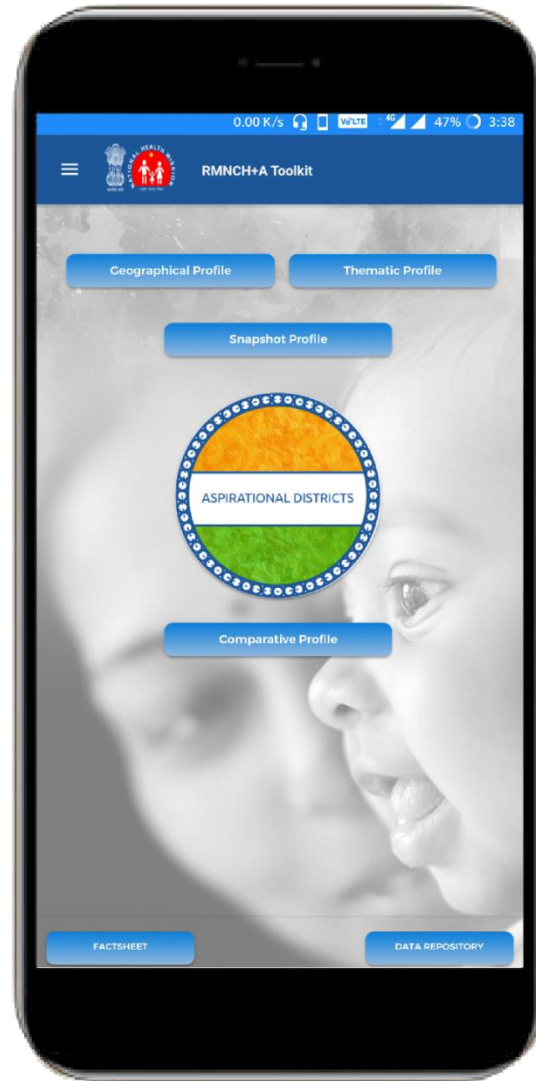


सत्यमेव जयते



User's Guide

RMNCH+A Toolkit App





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

About this User Guide

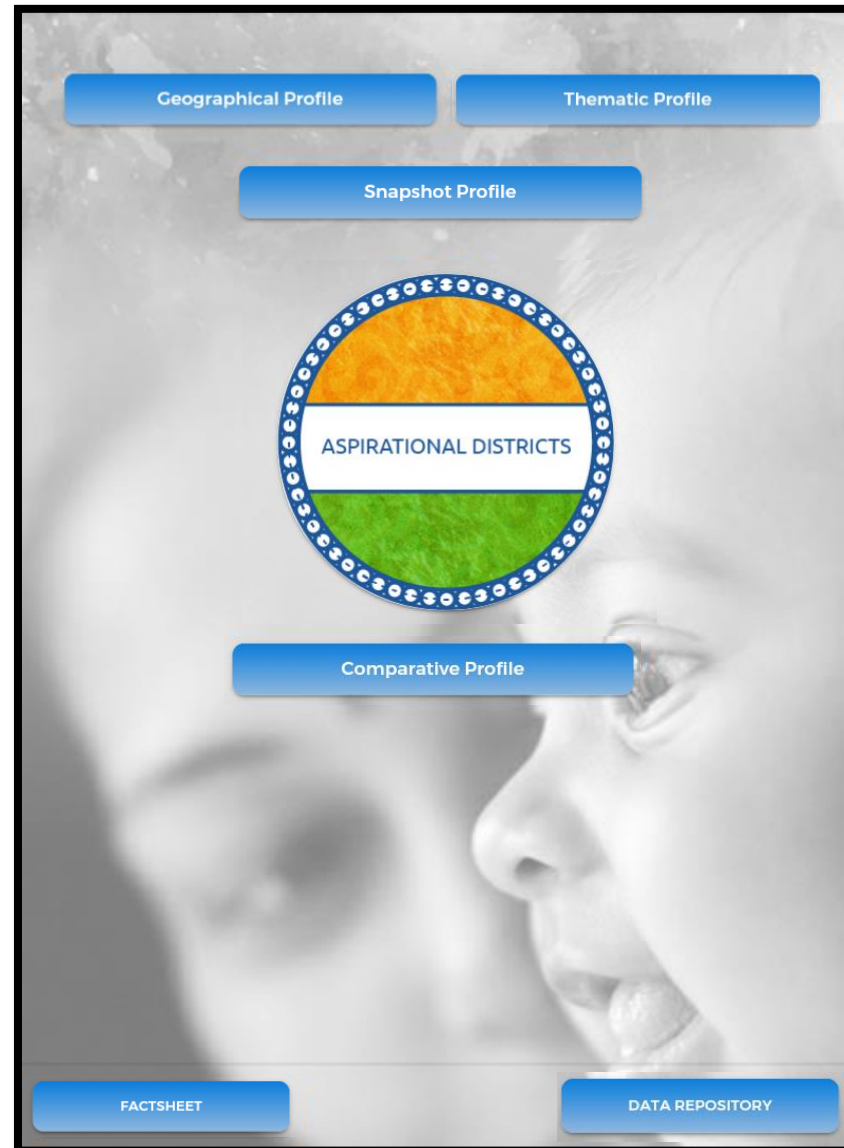
This User Guide describes the features, benefits, workflow, and roles offered by the SIRMNCH+A application as well as the step-by-step guide.

Conventions:

The conventions used in this manual are:

| CONVENTION | DESCRIPTION |
|---|--|
|  | 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 <u>Bold, underlined.</u> |
|  | Used to describe the flow of the steps. |

Navigation pane



RMNCH+A Toolkit

RMNCH+A Toolkit is a mobile-based application. It is a platform to access RMNCH+A data from multiple sources. The application can be downloaded from the 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 a 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 a user to view data for anyone indicator across multiple geographies.
3. **Snapshot Profile:** The app allows a user to view data for key performance indicators for any one geographical area.
4. **Aspirational Districts:** This feature allows a user to view data for key performance indicator for any aspirational/Niti aayog districts.
5. **Comparative Profile:** The app allows a user to compare data from multiple geographies for key performance indicators.
6. **Factsheets:** The app gives a direct download of factsheets from a 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.



RMNCH+A Toolkit

- 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.

- Homepage displays all the profiles,
User can navigate to the profiles listed below.

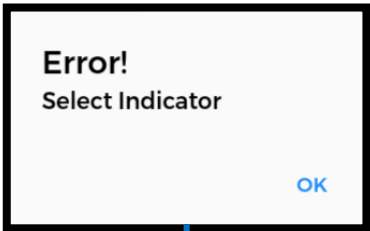
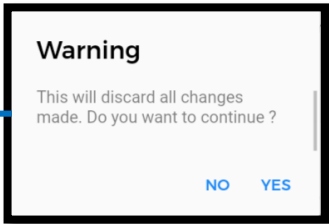
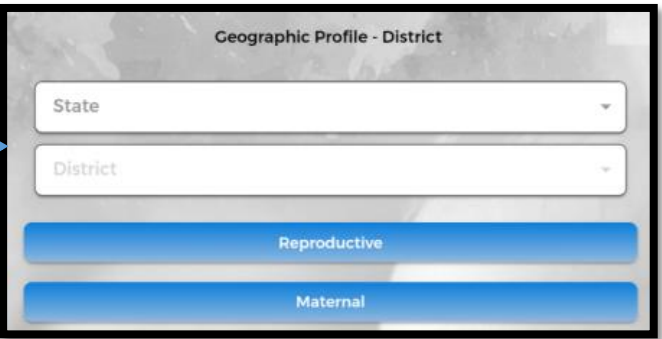
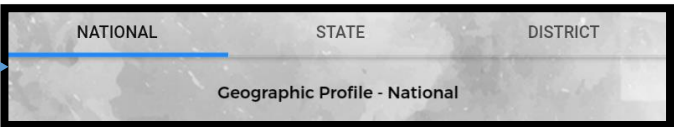
- Geographical Profile
- Thematic Profile
- Snapshot Profile
- Aspirational Districts
- Comparative Profile
- Factsheets
- Data Repository



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



Geographical profile >> Geography selection

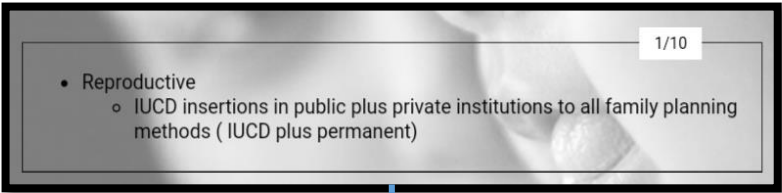
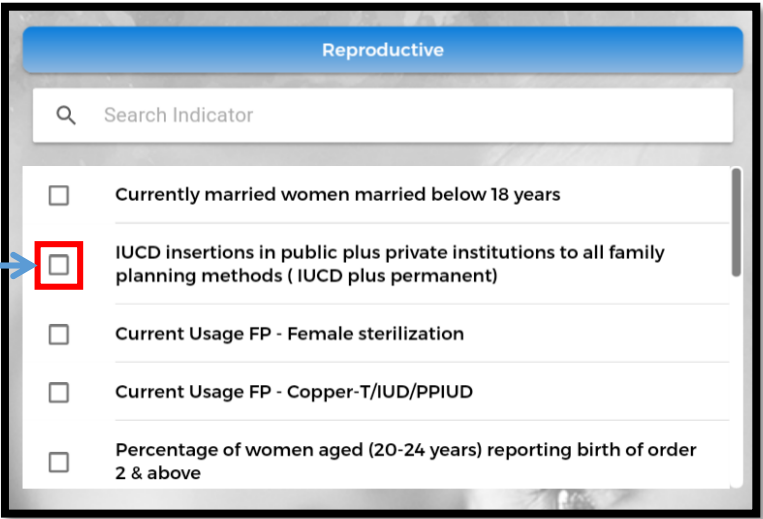
- Navigation
 - Tap on the button **Geographical Profile** landing page of geography profile appears for the selection of area and respective indicators.
- The user can select state and district area by swiping and vice versa.



-When a user clicks on **GENERATE** button without selecting any indicator app displays an error message.
-When a user clicks on the **RESET** button application shows a warning.


Geographical Profile >> Indicator Selection

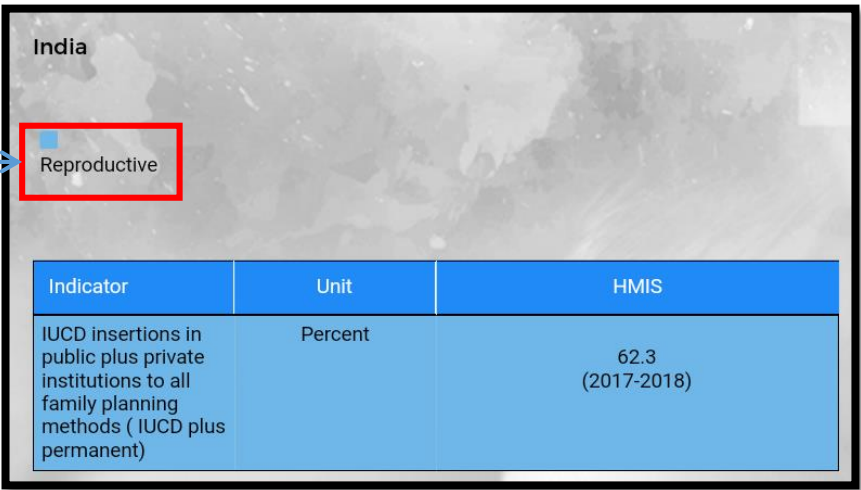
- Navigation
 - Tap on one of the thematic buttons 
 - List of indicators appears and can be multi-selected.
 - The user can search for a specific indicator by the search bar.
- After clicking on the  button application will navigate to the data table page.



- After selection of indicators an user summary box appears.
- It consists of all user selected indicators clubbed with respective thematic.
- It also shows a maximum selection of the user.

Geographical Profile >> Data Table

- Navigation
 - Tap on the  button.
 - Data Table page appears.
 - It consists of data values reported from the secondary sources for the particular selected area and indicator.
 - Legends of thematic appear according to the selection of indicator from the respective thematic.
- User has to tap on the table so that application can take the user to the visualization page.



-Search bar shows the specific search in the table when user type.
-Source column increases if there are a number of sources reporting for that selected indicators and area.

Geographical Profile >> Visualization

- Navigation
 - The visualization shows trends of a different timeline of reporting for the specific indicator and area.
 - The user can see all the views by swiping from left to right and vice versa.
 - Trend chart/Line chart appears as default view.
 - In case of a single time period bar chart appears as the default.
 - Tap on this field to know multiple sources reporting for that indicator and area.

Nicobars

Timeperiod : 2015-2016

Value : 49.1

OK

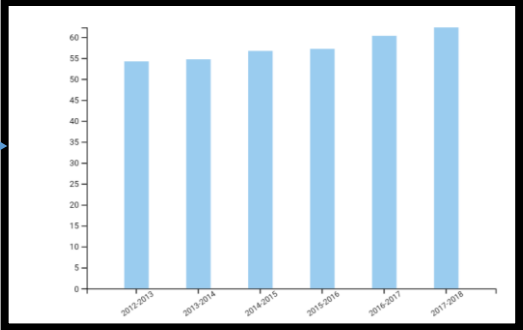
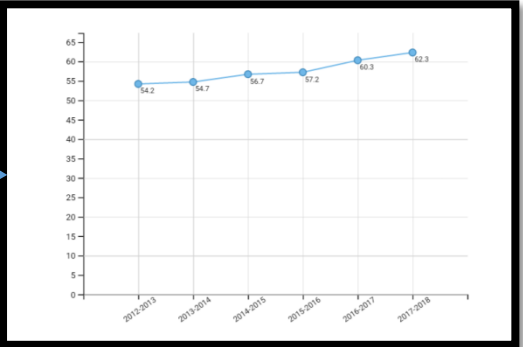
HMIS

HMIS

LINE CHART

BAR CHART

TABULAR VIEW



| HMIS | Value |
|-----------|-------|
| 2017-2018 | 62.3 |
| 2016-2017 | 60.3 |
| 2015-2016 | 57.2 |
| 2014-2015 | 56.7 |
| 2013-2014 | 54.7 |
| 2012-2013 | 54.2 |
| 2011-2012 | 52.5 |
| 2010-2011 | 52.3 |
| 2009-2010 | 53.5 |
| 2008-2009 | 52.8 |

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

Home >> Snapshot Profile(RMNCH+A)

- Navigation

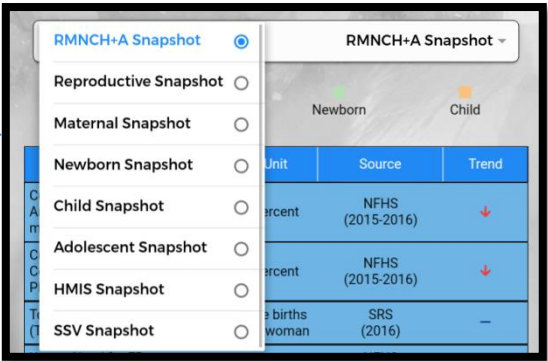
- The user can navigate to this page from home by tapping on this button.



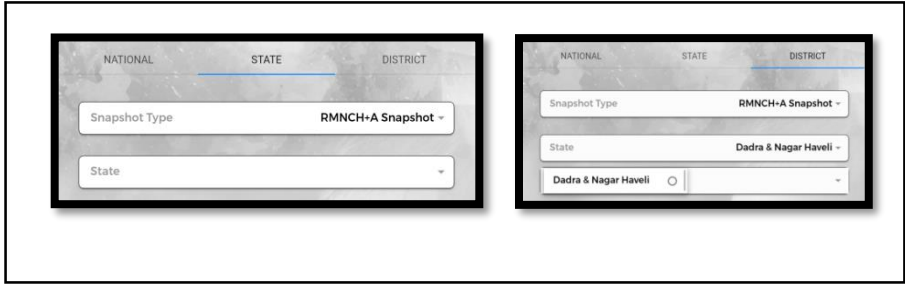
- Default landing page will be national.
 - Trend column consists of symbols represents the improvement of the indicator “red” represents a decrease in the performance “green” for improvement “hyphen” is for neutral indicator and single time period.
 - The user can navigate to a different snapshot.

| Indicator | Value | Unit | Source | Trend |
|--|-------|-----------------------|------------------|-------|
| Current Usage FP - Any modern method | 47.8 | Percent | NFHS (2015-2016) | ↓ |
| Current Usage FP - Copper-T/IUD/PPIUD | 1.5 | Percent | NFHS (2015-2016) | ↓ |
| Total fertility rate (TFR) | 2.3 | Live births per woman | SRS (2016) | — |
| Unmet Need for FP - Total unmet need | 12.9 | Percent | NFHS (2015-2016) | ↓ |
| Home deliveries to total reported deliveries | 8.1 | Percent | HMIS (2017-2018) | ↑ |

- Reproductive Snapshot
 - Maternal Snapshot
 - Newborn Snapshot
 - Child Snapshot
 - Adolescent Snapshot
 - HMIS Snapshot
 - SSV Snapshot




- The user can navigate to a different geography by swiping the screen to different area.
 - User navigates to the visualization page by tapping on the table.

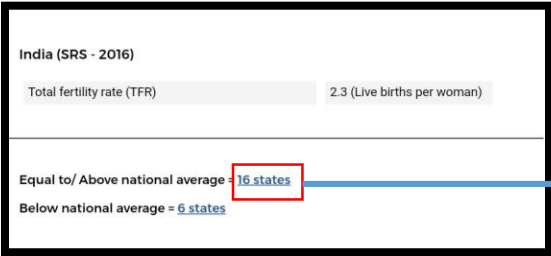


- Legends representing respective thematic.
 - Search bar for specific search in the data table.

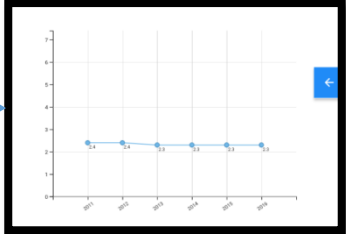
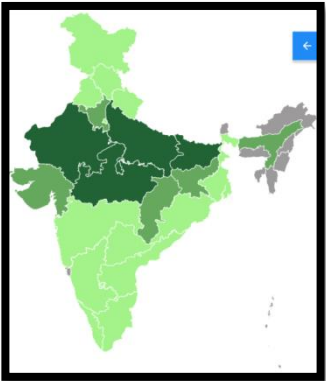


Snapshot Profile >> Visualization

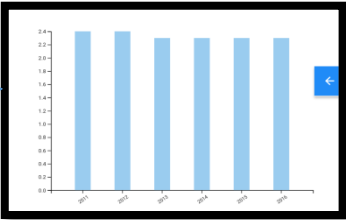
- Navigation
 - The visualization shows trends of a different timeline and map view for the selected area of reporting for the specific indicator and area.
 - Visualization views appear conditionally for national, state and district.
 - Map view appears default for National, state but not for the district.
 - Bar chart appears default when the indicator has a single time period or it considered as a neutral indicator.
 - The user can navigate to a different view by tapping on this button 
 - The user can navigate to the page where it shows all the list of area which are below or above in ranking with respect to the parent area.




| | |
|-------------|-----|
| Haryana | 2.3 |
| Assam | 2.3 |
| Gujarat | 2.2 |
| Odisha | 2.0 |
| Uttarakhand | 1.9 |



| Time period | Value |
|-------------|-------|
| 2016 | 2.3 |
| 2015 | 2.3 |
| 2014 | 2.3 |
| 2013 | 2.3 |
| 2012 | 2.4 |
| 2011 | 2.4 |
| 2010 | 2.5 |
| 2009 | 2.6 |
| 2008 | 2.6 |
| 2007 | 2.7 |
| 2006 | 2.8 |
| 2005 | 2.9 |
| 2004 | 2.9 |
| 2003 | 3.0 |
| 2002 | 3.0 |
| 2001 | 3.1 |
| 2000 | 3.2 |



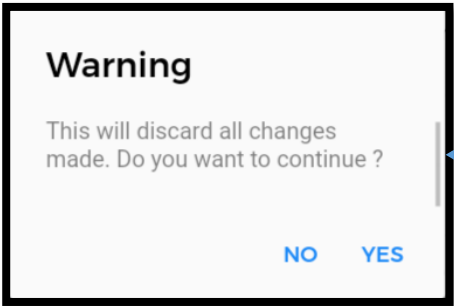
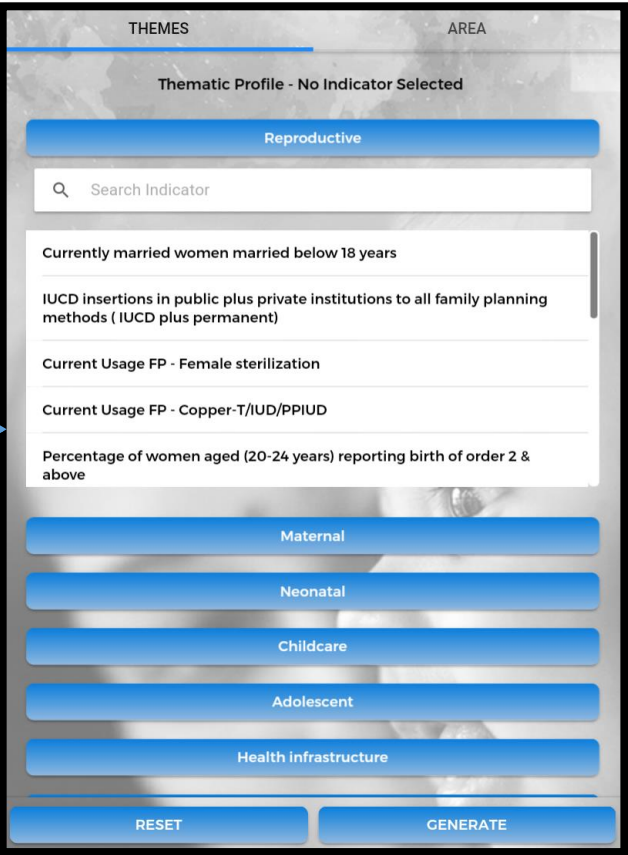
Home >> Thematic Profile

- Navigation
 - Tap on this  button from the home page, the landing page of the thematic profile appears.
 - The user can select among the themes and area by swiping left to right and vice versa.
 - The user has to select an indicator from respective thematic buttons and then area.

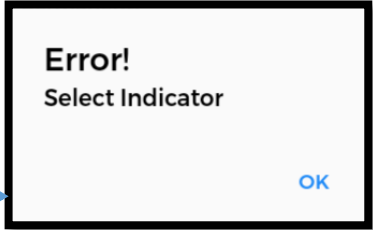


Thematic Profile >> Indicator selection

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

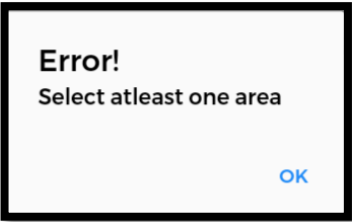
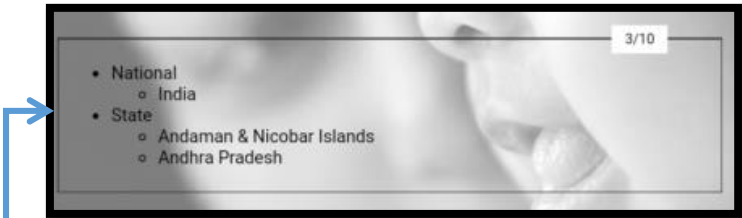
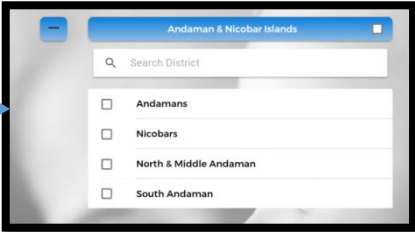
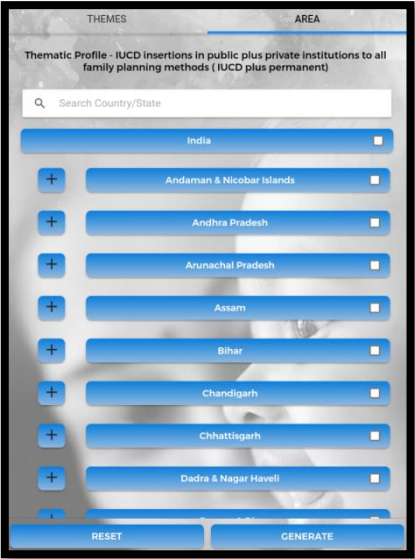


- When the user taps on the **RESET** an error message displays if the selection is made.
- Without selection of any indicator when tap **GENERATE** application displays an error message.



Thematic Profile >> Area Selection

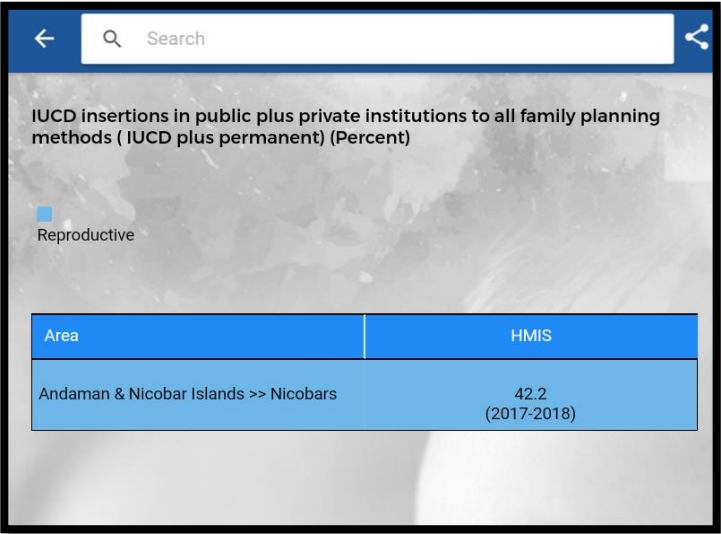
- Navigation
 - After the selection of indicator from the theme page, the application will automatically swipe to the page of area selection or the user can swipe manually to the area.
 - User can select multiple districts by tapping on the state button list of districts displays.
- Tap on generate button to move to data table page.



- When the 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's selected in a user summary format.

Thematic Profile >> Data Table


- Navigation
 - Data table page appears.
 - Data values for the selected area and indicator reported from different secondary sources.
 - Selected indicator comes at the header 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.



Warning

This will discard all changes made. Do you want to continue ?

NO YES

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

Thematic Profile >> Visualization

- Navigation
 - Visualization page consists of trends of a different timeline of reporting sources.
 - The user can move to a different view by swiping from left to right and vice versa.
 - Views appear according to the time period of the source for that selected indicator.
 - For ex: bar chart appears as default for the single time period.
- User can select different source by tapping on this field.

Nicobars

Timeperiod : 2015-2016
Value : 49.1

OK

IUCD Insertions in public plus private institutions to all family planning methods (IUCD plus permanent) (Percent) >> Nicobars

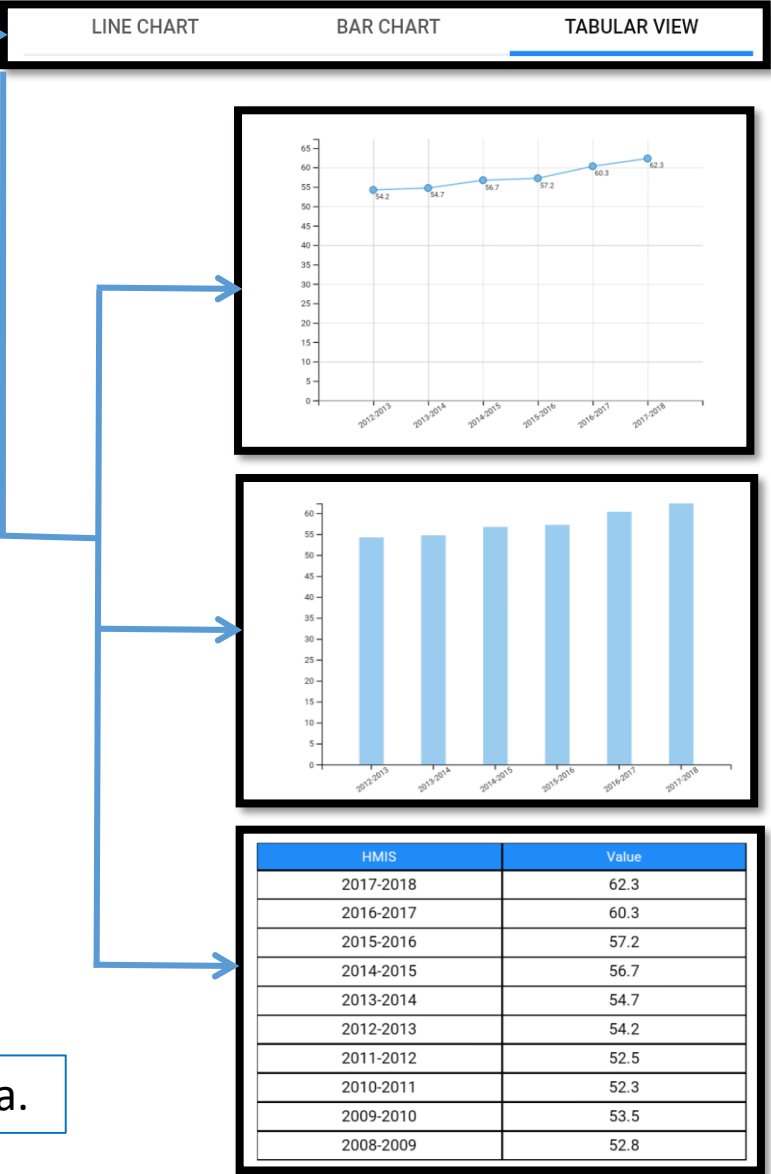
HMIS

HMIS

LINE CHART


BAR CHART

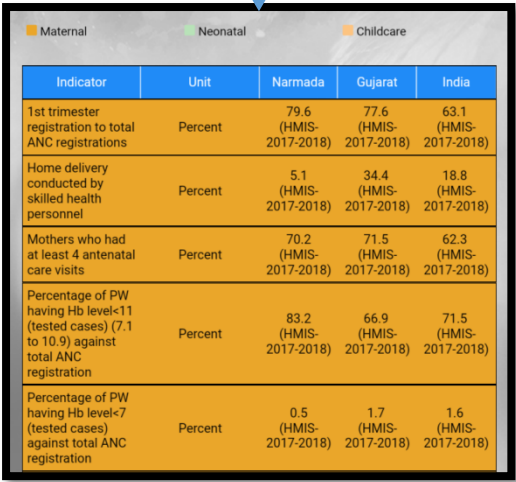
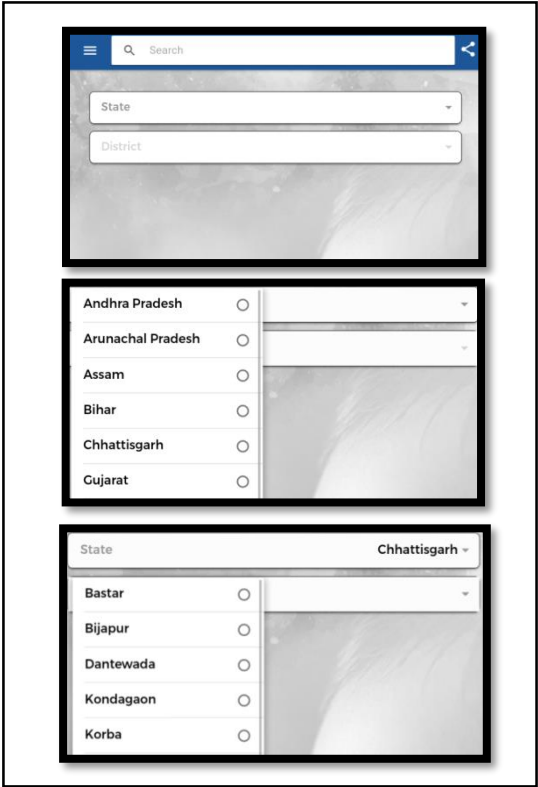
TABULAR VIEW



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

Home >> Aspirational Districts

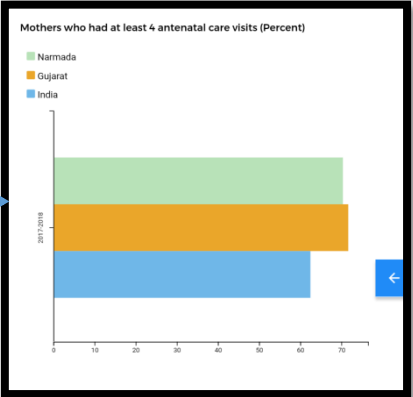
- Navigation
 - Tap from Home page  for “Aspirational districts” or from menu bar.
- User can select state from the drop down and the respective aspirational districts by tapping on the drop downs.
- After selection of the aspirational districts a data table is generated down the drop downs.
- Tap on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



| Indicator | Unit | Narmada (HMIS-2017-2018) | Gujarat (HMIS-2017-2018) | India (HMIS-2017-2018) |
|---|---------|--------------------------|--------------------------|------------------------|
| 1st trimester registration to total ANC registrations | Percent | 79.6 | 77.6 | 63.1 |
| Home delivery conducted by skilled health personnel | Percent | 5.1 | 34.4 | 18.8 |
| Mothers who had at least 4 antenatal care visits | Percent | 70.2 | 71.5 | 62.3 |
| Percentage of PW having Hb level<11 (tested cases) (7.1 to 10.9) against total ANC registration | Percent | 83.2 | 66.9 | 71.5 |
| Percentage of PW having Hb level<7 (tested cases) against total ANC registration | Percent | 0.5 | 1.7 | 1.6 |

Aspirational Districts >> Visualization

- Navigation
 - Visualization page consists of different trends of the timeline from different sources.
 - The 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 the default if there is a single time period.



1st trimester registration to total ANC registrations (Percent)

| HMIS | Narmada | Gujarat | India |
|-----------|---------|---------|-------|
| 2017-2018 | 79.6 | 77.6 | 63.1 |
| 2016-2017 | 78.9 | 75.8 | 64.2 |
| 2015-2016 | 85.0 | 74.9 | 62.1 |
| 2014-2015 | 87.4 | 74.2 | 60.7 |
| 2013-2014 | 87.4 | 73.4 | 57.9 |
| 2012-2013 | 86.7 | 72.9 | 55.8 |
| 2011-2012 | 82.9 | 70.8 | 55.1 |
| 2010-2011 | 79.3 | 66.1 | 54.1 |
| 2009-2010 | 67.9 | 59.9 | 52.1 |
| 2008-2009 | 61.7 | 59.0 | 43.1 |

Nicobars

Timeperiod : 2015-2016

Value : 49.1

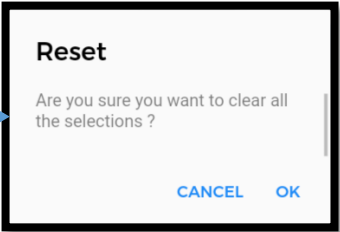
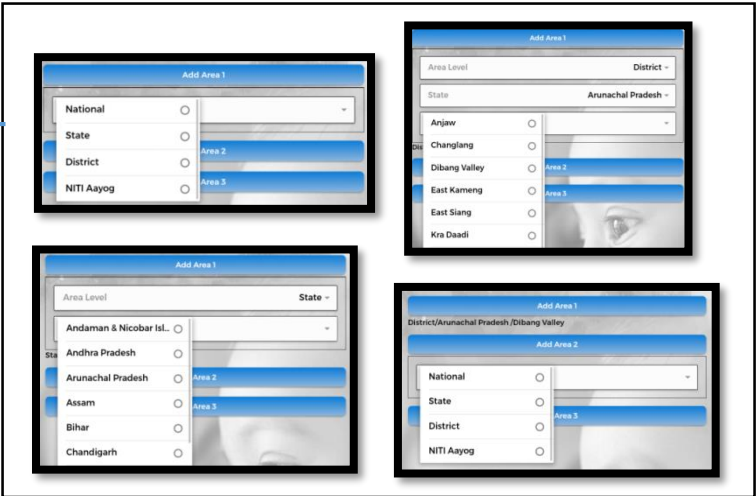
OK

-The user can see the values by tapping on the bar chart.

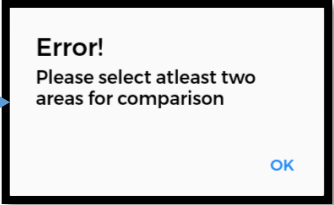
Home >> Comparative Profile

- Navigation

- Tap **Comparative Profile** from homepage to navigate to the comparative profile landing page.
- User can add an area by tapping on the add area button.
- Tap on the compare button, application navigates to the visualization page.



- When a user taps on the **RESET** an error message displays if the selection is made.
- Without selection of any indicator when tap **COMPARE** application displays an error message.



Comparative Profile >> Data Table

- Navigation
 - Data table page shows data values of indicator for the selected from different secondary sources.

 Search

- The search bar can show specific search in the table below.
- Legends appear before the table representing respective thematic.

Search

KPI

Reproductive


Maternal

Neonatal

Childcare

| Indicator | Unit | India | Arunachal Pradesh |
|--|--------------------------------|-----------------------|-----------------------|
| Current Usage FP - Any modern method | Percent | 47.8 (NFHS-2015-2016) | 26.6 (NFHS-2015-2016) |
| Current Usage FP - Copper-T/IUD/PPIUD | Percent | 1.5 (NFHS-2015-2016) | 3.4 (NFHS-2015-2016) |
| Total fertility rate (TFR) | Live births per woman | 2.3 (SRS-2016) | 1.9 (SRS-2013) |
| Unmet Need for FP - Total unmet need | Percent | 12.9 (NFHS-2015-2016) | 21.6 (NFHS-2015-2016) |
| Home deliveries to total reported deliveries | Percent | 8.1 (HMIS-2017-2018) | 10.2 (HMIS-2017-2018) |
| Institutional delivery | Percent | 78.9 (NFHS-2015-2016) | 52.3 (NFHS-2015-2016) |
| Institutional delivery in public/ government health facility | Percent | 52.1 (NFHS-2015-2016) | 42.7 (NFHS-2015-2016) |
| Maternal mortality ratio (MMR) | Deaths per 100,000 live births | 167.0 (SRS-2011-2013) | - |
| Mothers who had antenatal check-up in the first trimester | Percent | 58.6 (NFHS-2015-2016) | 37.0 (NFHS-2015-2016) |
| Mothers who had full antenatal care | Percent | 21.0 (NFHS-2015-2016) | 3.6 (NFHS-2015-2016) |
| Pregnant women | Percent | 50.3 | 33.8 |

Comparative Profile >> Visualization

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

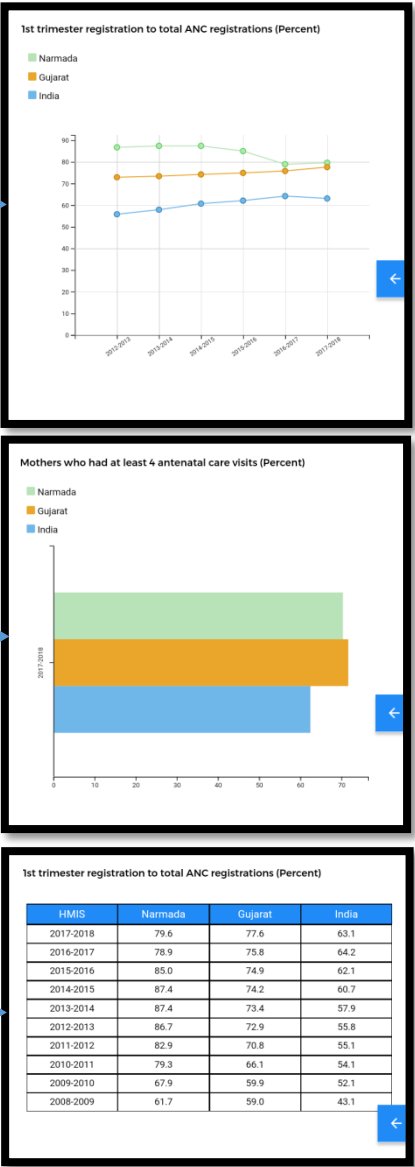
Nicobars

Timeperiod : 2015-2016


Value : 49.1

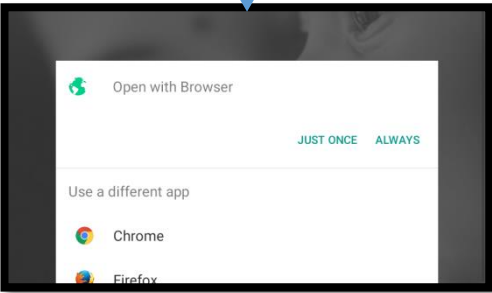
OK

- The user when taps on the bar chart application shows values for that area.




Home >> Factsheets

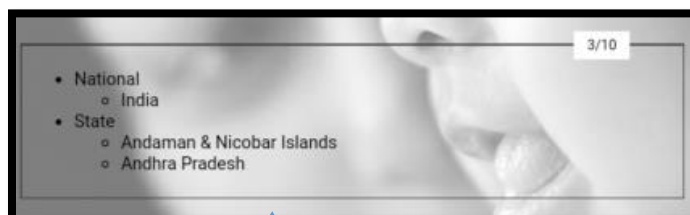
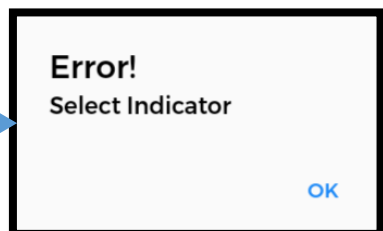
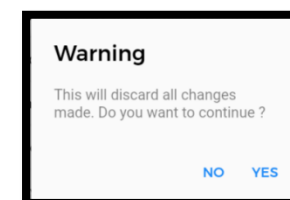
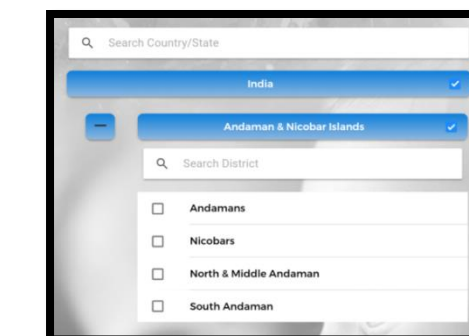
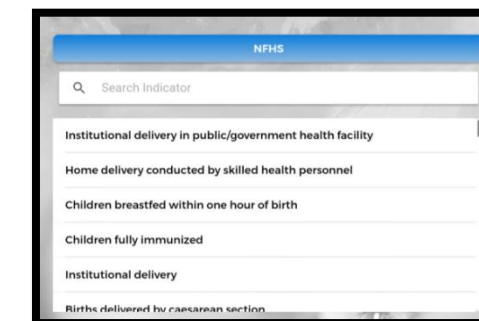
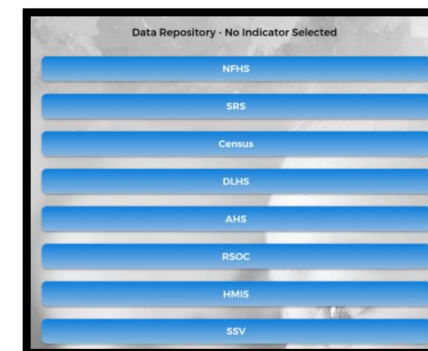
- Navigation
 - Tap on this button  from home page.
 - The user when clicks on the source button down comes a list of survey's of that source.
- When user taps on the survey a navigation box comes down with browser option to display the report online.





Home >> Data Repository

- Navigation



- User can navigate to the landing page of the  from the 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 from left to right and vice versa.

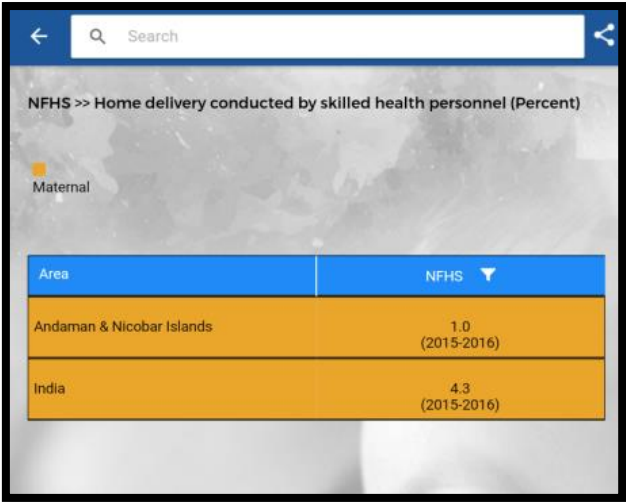


- After selection of area, the user can see the selection in the user summary below.
- Without any selection when user taps on  application show an error message.
- After selection when the user selects on  button application shows an error message.


Data Repository >> Data Table

- Navigation

- Tap on this  button application navigates to the data table page.
- Data table consists of data values of selected source reporting data for the selected indicator and area.
- The user can filter the source by tapping on this  button.



Search



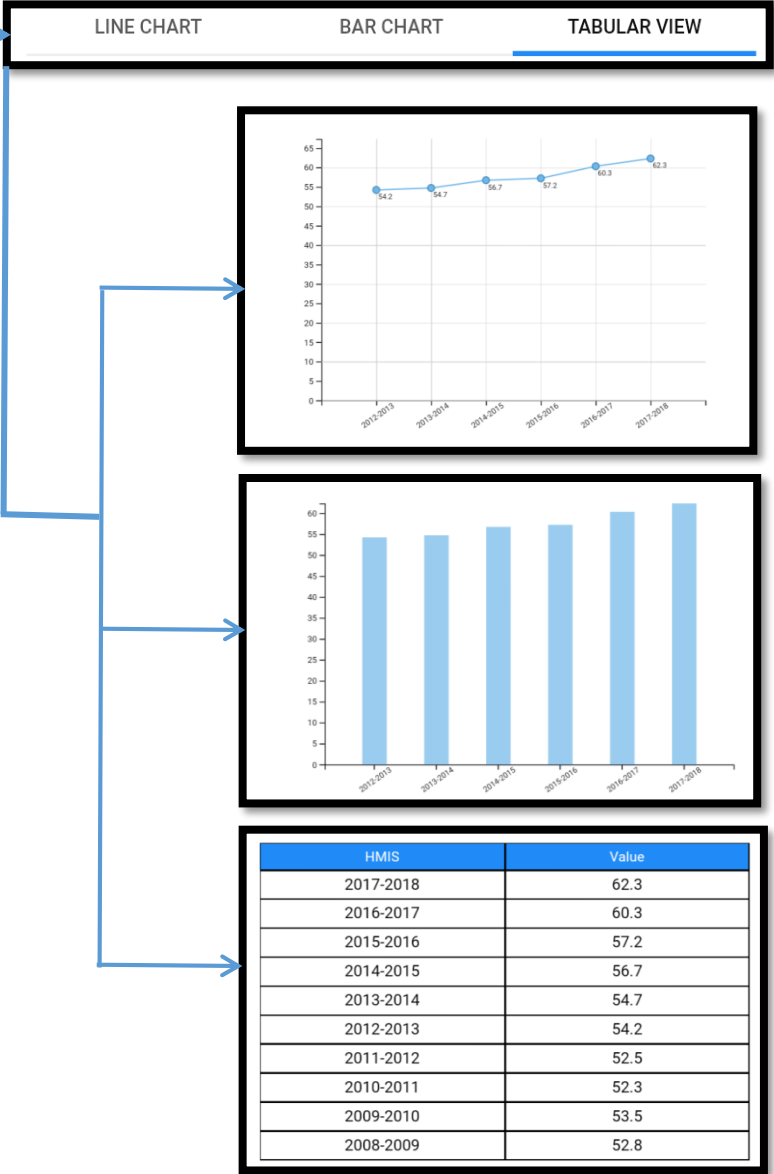
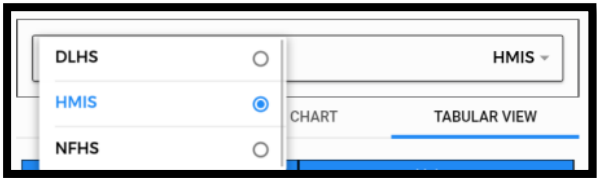
| Area | DLHS | HMIS | NFHS |
|---------------------------|-----------------------|-----------------------|----------------------------------|
| Andaman & Nicobar Islands | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| India | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |

(2015-2016)

- Search bar shows specific data in the data table.
- Legends appear 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.



BILL & MELINDA
GATES *foundation*

TATA TRUSTS



Ministry of Health and Family Welfare Government of India

For details, please contact:

OFFICE OF DEPUTY COMMISSIONER

In charge Child Health

Ministry of Health and Family Welfare,
Government of India, Nirman Bhawan, New Delhi- 110011
Ph: 01123061281; Email: rmnchatoolkitapp@gmail.com

Powered By:
SDRC

