



NITI Aayog
National Institution for
Transforming India

GI DASHBOARD

User Manual for
Reform

Version 1.0

Revision History

Revision No.	Revision Date	Author	Approved Date	Approved By	Description

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1 Introduction

The **Government of India** had decided that to measure and monitor India's performance on various social, economic and other parameters through internationally recognized **Global Indices**.

The goal of this exercise are to use these Indices as tools for self-improvements and bring about reforms in the policies and processes of Government agencies and bring about reforms in the policies and processes of Government agencies and financial institutions while creating a conducive ecosystem for foreign and domestic investment flow.

Goals

- Driving reforms at the National and State level by ranking of States
- Promoting cooperative and competitive federalism
- Enhancing citizen service delivery, ease of living and ease of doing business

About the dashboard:

The dashboard is created to support the Government's decision to leverage the monitoring mechanism of select global indices to drive reforms and growth. The dashboard allows for monitoring of the parameters as per official data as well as the data source used by the publishing agency. The dashboard also allows for monitoring of performance of states and it also inculcates healthy competition among States/UTs through their scoring and ranking on these Indices and Reform Actions.

This manual illustrates the functionality for Reform Module, its creation, mapping and Data Entry and functions at various user levels. It covers the mapping with Index Hierarchy and Data Entry users. Care is taken to explain each function minutely.

1.1 Purpose

The purpose of this user manual is to provide an insight on the operations of Reform Module. This manual serves the requirement of users like Nodal Administrator, State/Line Administrators and Data Entry Users at all levels on how to create, map and approve the Reform Data. Document also illustrates the mapping with Index Hierarchy.

As you complete reading this document, you will be able to:

- Create Reform Areas and Action
- Map Reform Actions with:
 - Index Hierarchy
 - Data Entry Users
- Progress Data Entry-Reform
- Data Approval
- Visualize Data in Visualization

1.2 Organization Structure

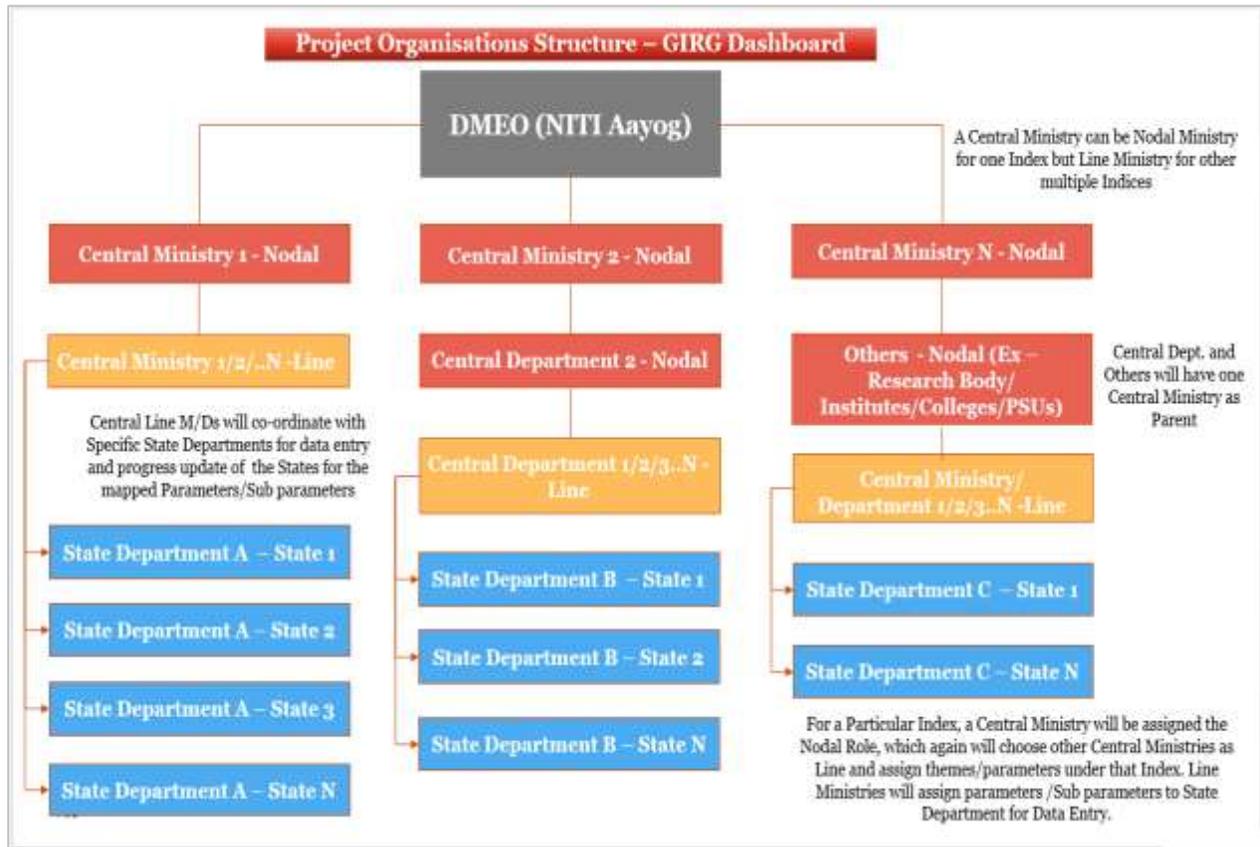


Figure 1-1

1.3 Users & Roles

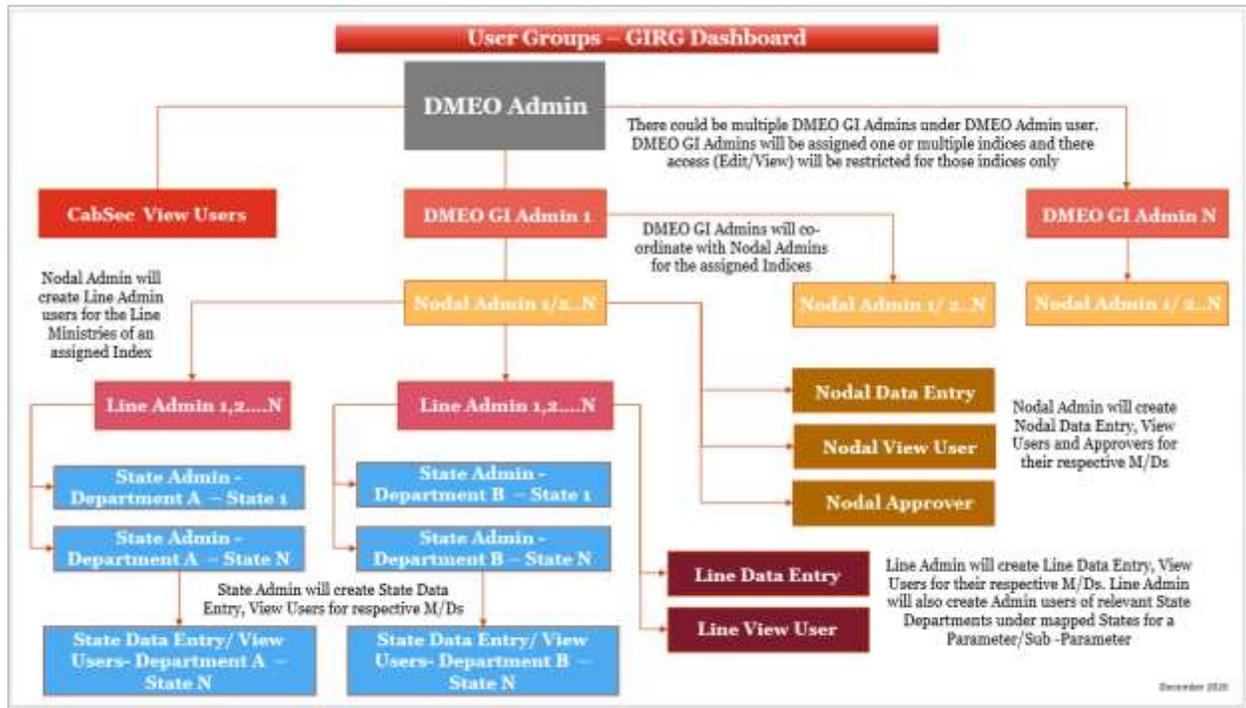


Figure 1-2

1.4 Key Modules of GI Dashboard

Following are the key modules of GI Dashboard;

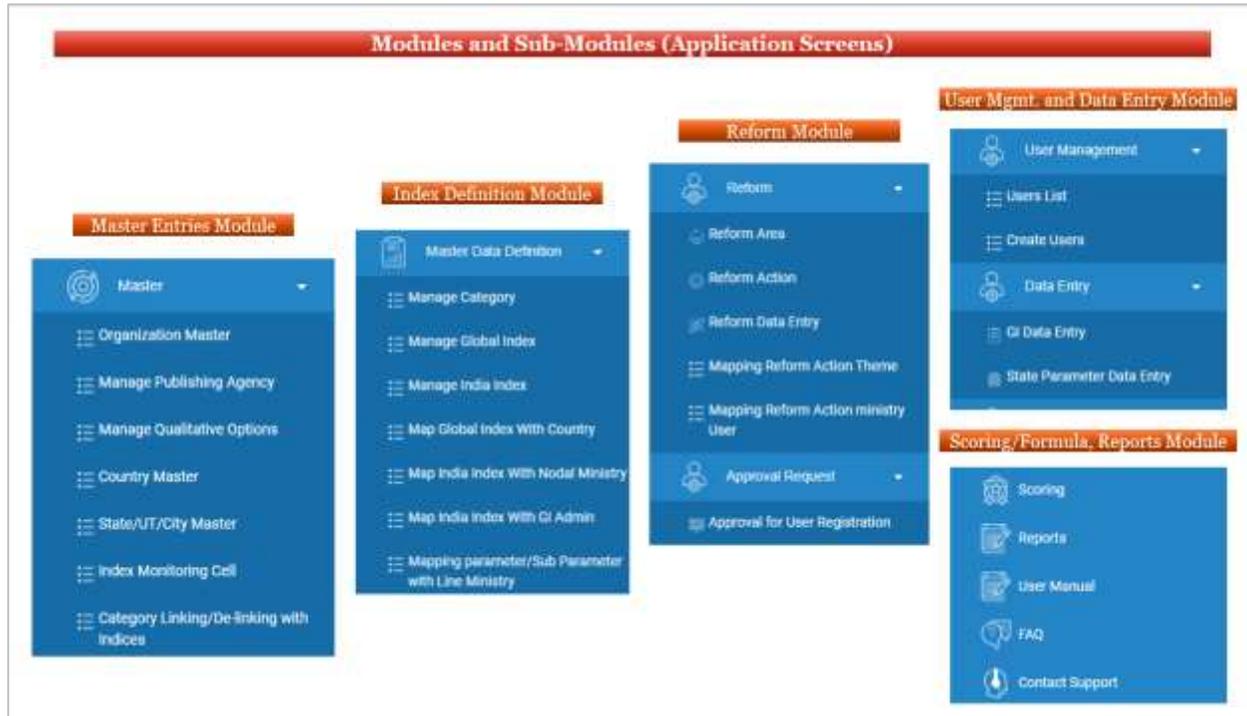


Figure 1-3

2 Reform Module

2.1 High Level Flow

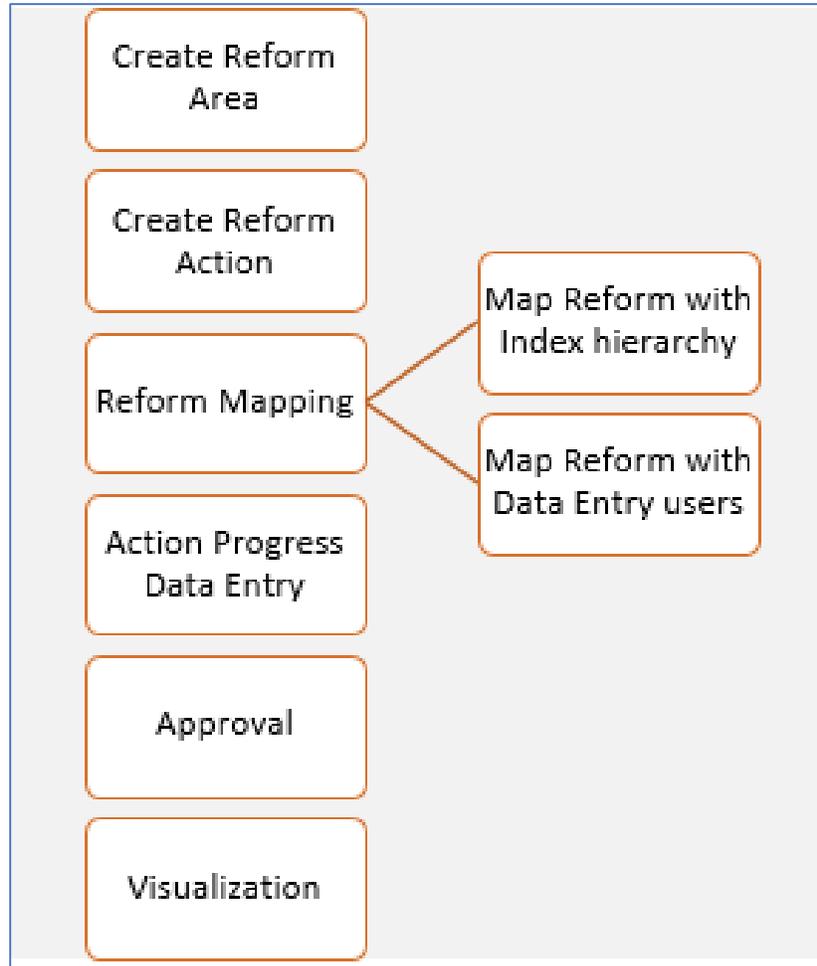


Figure 2-1

3 Manage Reform -Steps

- 1) Create Reform Area
- 2) Create Reform Action
- 3) Map Reform Area with Index Hierarchy
- 4) Map Reform Area with Data Entry Users
- 5) Progress Data Entry by users
- 6) Approvals and Visualization

3.1 Create Reform Area

Login with Nodal Admin Credentials:

Select Reform >> Manage Reform Area and Action from left menu

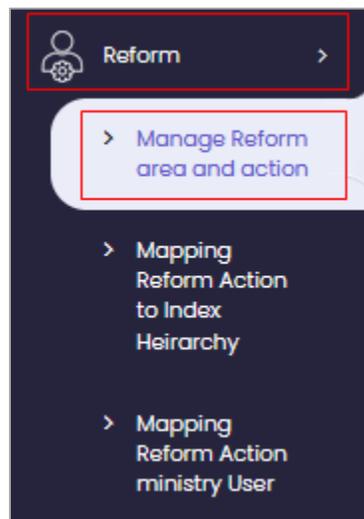


Figure 3-1

Existing India Indices list will be displayed with following column headings:

India Index List Q

Display Range

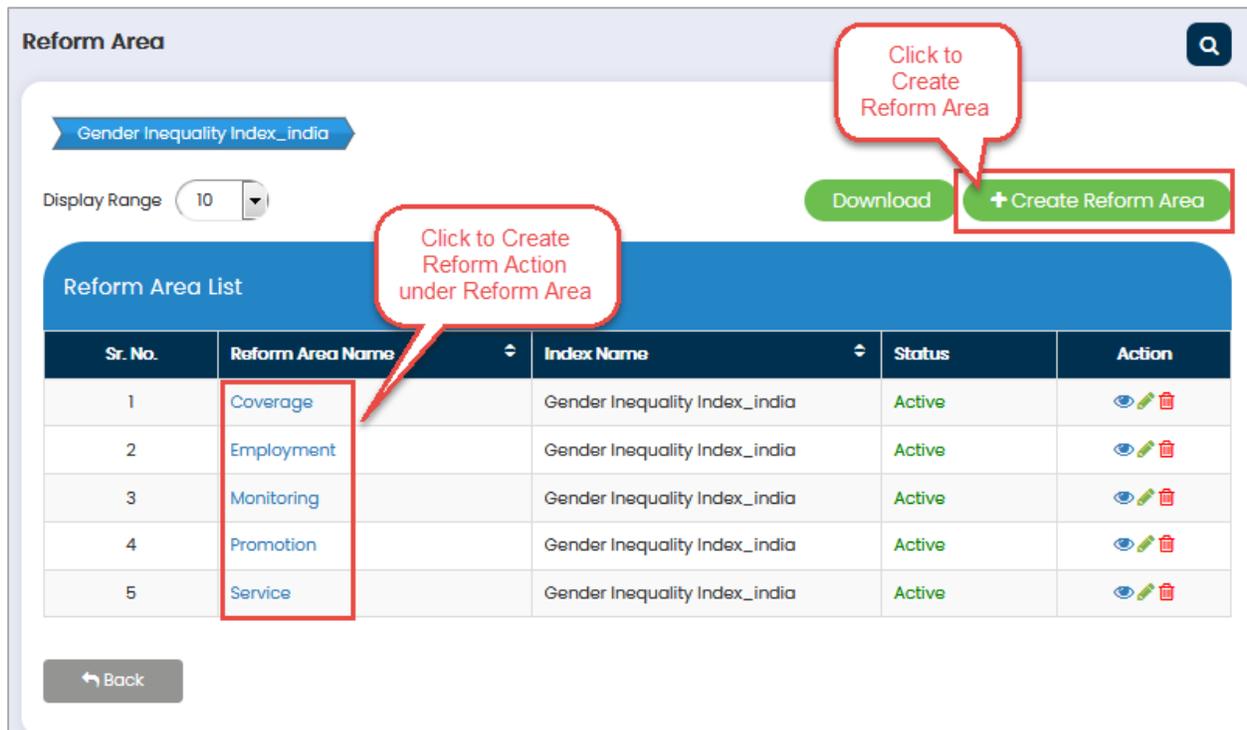
Click Index link to create Reform Area and Actions

Index List				Year			
S.No.	Index Title	Category	Ministry/Department Assigned	Status	Year	Action	
1	Gender Inequality Index_india	Development	Ministry of Women and Child Development	Active	2021		
2	Global Gender Gap Index_india	Development	Ministry of Women and Child Development	Active	2021		
3	Global Hunger Index_india	Development	Ministry of Women and Child Development	Active	2021		
4	Global Multidimensional Poverty Index_india	Development	Ministry of Women and Child Development	Active	2021		

Figure 3-2

- S. No.
- Index Title
- Category
- Ministry/Department Assigned
- Status
- Year
- Action

Click Index link to create Reform Area.



Reform Area

Gender Inequality Index_india

Display Range 10

Download + Create Reform Area

Reform Area List

Sr. No.	Reform Area Name	Index Name	Status	Action
1	Coverage	Gender Inequality Index_india	Active	  
2	Employment	Gender Inequality Index_india	Active	  
3	Monitoring	Gender Inequality Index_india	Active	  
4	Promotion	Gender Inequality Index_india	Active	  
5	Service	Gender Inequality Index_india	Active	  

Back

Figure 3-3

Existing Reform areas under selected Index will be displayed with following column headings:

- Sr. No.
- Reform Area Name
- Index Name
- Status
- Action
 - Click  (edit) icon to edit the record
 - Click  (view) icon to view the record
 - Click  (delete) icon to delete record

Click  on Area listing screen to create new Reform Area under selected Index. "Create Reform Area" screen will be displayed;

Create Reform Area

Gender Inequality Index_india Create Reform Area

Index Name* **Reform Area Name***

Gender Inequality Index_india

Reform Area Description

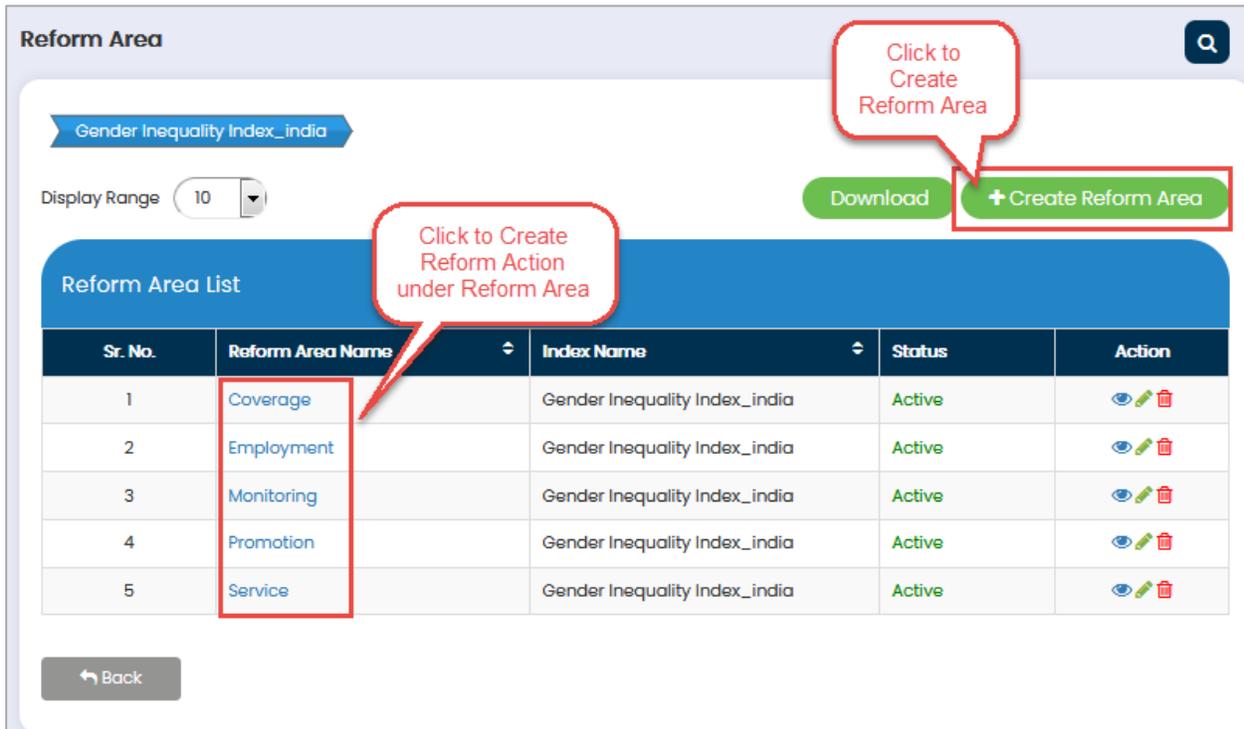
Back + Add

Figure 3-4

Selected Index will be displayed in disabled mode.

- Enter Reform Area name and description.
- Click  to save Reform Area

3.2 Create Reform Action



The screenshot shows the 'Reform Area' interface. At the top, there is a search bar and a 'Gender Inequality Index_india' breadcrumb. Below this is a 'Display Range' dropdown set to '10'. On the right, there are 'Download' and '+ Create Reform Area' buttons. A red callout bubble points to the '+ Create Reform Area' button with the text 'Click to Create Reform Area'. Below the buttons is a 'Reform Area List' table. A red callout bubble points to the 'Coverage' link in the 'Reform Area Name' column of the first row with the text 'Click to Create Reform Action under Reform Area'. The table has columns for 'Sr. No.', 'Reform Area Name', 'Index Name', 'Status', and 'Action'. The 'Reform Area Name' column contains links for 'Coverage', 'Employment', 'Monitoring', 'Promotion', and 'Service'. The 'Index Name' column contains 'Gender Inequality Index_india'. The 'Status' column contains 'Active'. The 'Action' column contains icons for view, edit, and delete.

Sr. No.	Reform Area Name	Index Name	Status	Action
1	Coverage	Gender Inequality Index_india	Active	  
2	Employment	Gender Inequality Index_india	Active	  
3	Monitoring	Gender Inequality Index_india	Active	  
4	Promotion	Gender Inequality Index_india	Active	  
5	Service	Gender Inequality Index_india	Active	  

At the bottom left, there is a 'Back' button.

Figure 3-5

Select Reform Area Link on Reform Area Listing screen to create Reform Action under specific Reform Area.

“**Reform Action**” listing screen will be displayed;

Reform Action 🔍

Gender Inequality Index_india > Coverage

Click to Add Reform Action

Download + Create Reform Action

Existing Reform Actions under selected Reform Area

Reform Action List

Sr. No.	Index Name	Reform Action Name	Reform Area Name	Target Completion Date	Priority	Reform Weight	Documents View/Upload/Edit	States	Status	Action
1	Gender Inequality Index_india	Percentage of mothers received Health Check-ups from AWC during breastfeeding	Coverage	2021-12-03	High	4	Document	Andhra Pradesh	Active	👁️ ✎️ 🗑️
2	Gender Inequality Index_india	Percentage of mothers received Supplementary Food from AWC during breastfeeding	Coverage	2021-12-03	High	4	Document	Andaman and Nicobar Islands	Active	👁️ ✎️ 🗑️

← Back

Figure 3-6

- Sr. No.
- Index Name
- Reform Action Name
- Reform Area Name
- Target Completion Date
- Priority
- Reform Weight
- Documents View/Upload/Edit
- States
- Status
- Action
 - Click ✎️ (edit) icon to edit the record
 - Click 👁️ (view) icon to view the record
 - Click 🗑️ (delete) icon to delete record

+ Create Reform Action

Click on Action listing screen to create new Reform Action under selected Index/Reform Area.

“Create Reform Action” screen will be displayed;

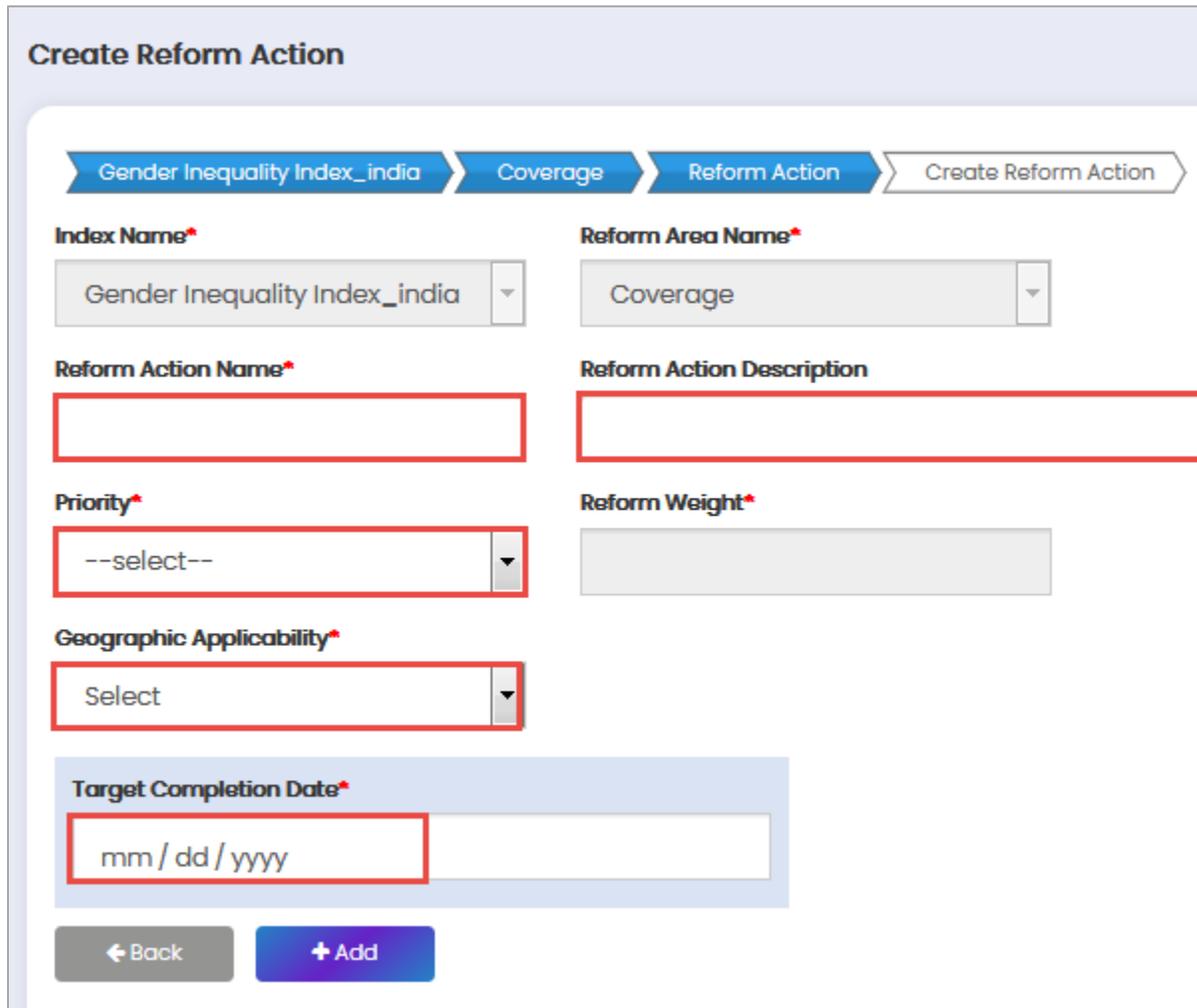


Figure 3-7

Enter following details:

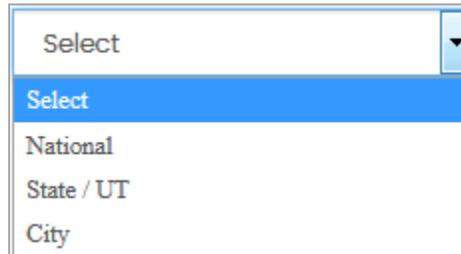
Index name and Reform Area name will be displayed in disabled mode.

- Reform Action Name*: Enter Reform Action Name
- Reform Action Description: Enter reform action description
- Priority*: Select priority from dropdown list

Note: The priority of the reform actions will be as following - ‘High’ having weight 4, ‘Medium’ having weight 2, ‘Low’ having weight 1 and if ‘Not feasible for current it’ it will have weightage 0. If the reform action is complete, the Reform Action score will be considered as 3, in case of

'in-progress' it will be 1, in case of 'yet to be initiated' it will be 0 and in case of 'overdue' the value will be -1. Along with that weightage will be assigned as per priority.

- Reform Weight*: Select weight from dropdown list
- Geographic Applicability*: Select geographic applicability



A dropdown menu with a blue border and a downward arrow on the right. The menu is open, showing a list of options: 'Select' (highlighted in blue), 'National', 'State / UT', and 'City'.

Figure 3-8



- Target Completion Date*: Select target completion date from calendar

Note: In Reform Action Data Definition page, mapping of states/UT/City/national will be done just like the mapping of state done for the lowest child in the Index module. National level reform actions will be treated as “not applicable” to states.

- Click  to add action

3.3 Map Reform Action with Index Hierarchy

Reform Action can be mapped to any abstraction level of the Index to which the Reform Area /Reform Action belongs to. If a Reform Action is linked to an abstraction level, it will automatically be linked to the parent of that abstraction level. This linkage will reflect in Visualization.

Login with Nodal Admin Credentials:

Select Reform >> Mapping Reform Action to Index Hierarchy from left menu



Figure 3-9

- Reform Actions list will be displayed with following column headings:

Mapping Reform Action to Index Hierarchy 🔍

Download + Mapping Reform Action to Index Hierarchy

Reform Action List Year 2021 ▼

Sr. No.	Index Name	Reform Area Name	Reform Action Name	Year	Action
1	Global Multidimensional Poverty Index_india	Test 1	Test 1	2021	👁️ 🗑️ ✏️
2	Human Development Index_india	Enrolment	ANER	2021	👁️ 🗑️ ✏️
3	Global Gender Gap Index_india	Capacity Building	Percentage share of women trained under DDU-GKY	2021	👁️ 🗑️ ✏️
4	Global Gender Gap Index_india	Capacity Building	Percentage share of women trained at Rural Self Employment Training Institutes (RSETIs) under NRLM	2021	👁️ 🗑️ ✏️

Figure 3-10

- Sr. No.
- Index Name
- Reform Area Name
- Reform Action Name
- Year
- Action
 - Click ✏️ (edit) icon to edit the record
 - Click 👁️ (view) icon to view the record
 - Click 🗑️ (delete) icon to delete record

Click + Mapping Reform Action to Index Hierarchy on Reform Actions listing screen to map the Reform Action with Index Hierarchy.

Mapping Reform Action to Index Hierarchy

Year:

Index Name*:

Reform Area Name*:

Reform Action Name*:

Mapping*:

Theme/Parameter/Sub-parameter*:

Figure 3-11

- Select Year, Index Name, Select Area Name
- Actions under selected area will be displayed
- Select Mapping from dropdown list

Mapping*

--Select--

Theme

Parameter

Sub Parameter

Figure 3-12

Note: Themes or Parameter or Sub-parameter), all the themes, parameters, sub-parameters based on the selection type will appear in list (only under a given Index because Reform Area and Reform Action is always tied to one Index).

- Select Theme/Parameter/Sub-Parameter from dropdown list
- Click to continue mapping
- Click button to save Reform Action Mapping with Index Hierarchy

3.4 Map Reform Action with Data Entry Users

Nodal Admin will map the reform action by selecting Index and reform area to either Nodal Data Entry or will map to Line Admin or State Admin. Line Admin or State Admin will further map the same reform action to their respective data entry users.

Login with Nodal Admin Credentials

Select Reform >> Mapping Reform Action to Ministry User from left menu



Figure 3-13

Mapping Reform Action to Ministry User screen will be displayed with following column headings:

Reform Action Mapping								
+ Map Reform Action with Ministry User								
Reform Action List						Year	2021	Download
Sr. No.	India Index	Year	Reform Area Name	Reform Action Name	Ministry/ Department/States	Assigned To	Action	
1	Global Multi dimensional Poverty Index_india	2021	Test 1	Test 1	Ministry of Finance	Line Ministry Admin	  	
2	Human Development Index_india	2021	Enrolment	ANER	Department of School Education and Literacy	Nodal Ministry Data Entry	  	
3	Global Hunger Index_india	2021	GHI_Test1	To ensure availability of toilet facility in each household under Swachh Bharat Abhiyan.	Ministry of Women and Child Development	Nodal Ministry Data Entry	  	

Figure 3-14

- Sr. No.

- India Index
- Year
- Reform Area Name
- Reform Action Name
- Ministry/ Department/States
- Assigned To
- Action
 - Click  (edit) icon to edit the record
 - Click  (view) icon to view the record
 - Click  (delete) icon to delete record

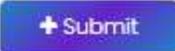
Click  on Reform Actions listing screen to map the Reform Action with Users.

Map Reform Action With Ministry User

Year	Index Name*	Reform Area Name*	Reform Action Name*
<input type="text" value="--Select--"/>	<input type="text" value="--select--"/>	<input type="text"/>	<input type="text"/>
Ministry Type*	Role*		
<input type="text" value="--select--"/>	<input type="text"/>		
Ministry*	Mapped Ministry User*		
<input type="text"/>	<input type="text" value="None selected"/>		

Figure 3-15

Enter following details:

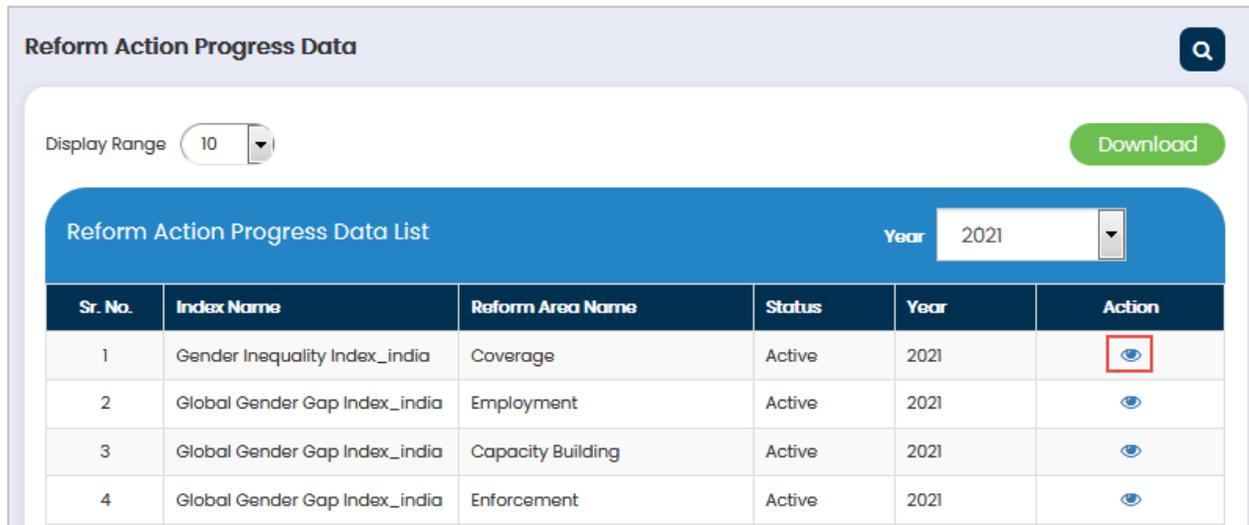
- Select Year, Index Name, and Reform Area Name
- Reform Actions under selected reform area will be displayed;
- Select Reform action Name*
- Ministry Type*: Select ministry Type
- Role*: Select role
- Ministry*: Select ministry
- Mapped Ministry User*: Users under selected ministry will be displayed
- Click  to save the record

3.5 Progress Data Entry by users

Nodal, Line M/D and State Department Data Entry users (if assigned) will update the Reform Action Progress in the Reform Action Data Entry screen.

Login with Data Entry User Credentials;

Select Progress Data Entry >> Reform Progress Data Entry from left menu;



Reform Action Progress Data

Display Range: 10 Download

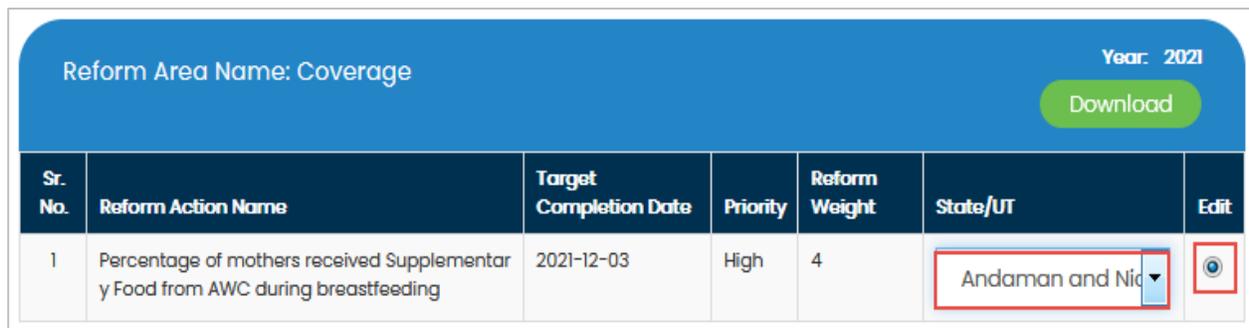
Reform Action Progress Data List Year: 2021

Sr. No.	Index Name	Reform Area Name	Status	Year	Action
1	Gender Inequality Index_india	Coverage	Active	2021	
2	Global Gender Gap Index_india	Employment	Active	2021	
3	Global Gender Gap Index_india	Capacity Building	Active	2021	
4	Global Gender Gap Index_india	Enforcement	Active	2021	

Figure 3-16

Mapped reform actions will be displayed in list mode with following column headings:

- Sr. No.
- India Index
- Reform Area Name
- Status
- Year
- Action
 - Click  (view) icon to enter data



Reform Area Name: Coverage Year: 2021

Download

Sr. No.	Reform Action Name	Target Completion Date	Priority	Reform Weight	State/UT	Edit
1	Percentage of mothers received Supplementary Food from AWC during breastfeeding	2021-12-03	High	4	Andaman and Nicobar Islands	

Figure 3-17

Reform Area will be displayed with reform actions with following column headings:

- Sr. No.
- Reform Action Name
- Target Completion Date
- Priority
- Reform Weight
- State UT – Select from dropdown list
- Click  to edit and enter data

Percentage of mothers received Supplementary Food from AWC during breastfeeding : Progress Data for 2021
Status :- Approved

Last Commitment <input type="text"/>	Last Commitment Date <input type="text" value="02 / 02 / 2021"/>	Implementation Start Date* <input type="text" value="02 / 28 / 2021"/>	Upload Document (Doc, Docx, PDF) (Max size 5MB) <input type="button" value="Browse..."/> No file selected. reform_data_1614329857.pdf
Reform Action Status* <input type="text" value="In Progress"/>	Reform Action Score* <input type="text" value="1"/>	<input type="button" value="Submit"/>	

Figure 3-18

- Enter last commitment
- Select last commitment data
- Select Implementation start date
- Click to import data
- Windows "File Upload" dialog box opens; Select the File
- Click to save data.
- Entered data will be sent for Approval to respective Nodal Admin

3.6 Approvals

Login with Nodal Admin credentials:

Path: Approval Request >> Approval for India Reform Progress Data Entry

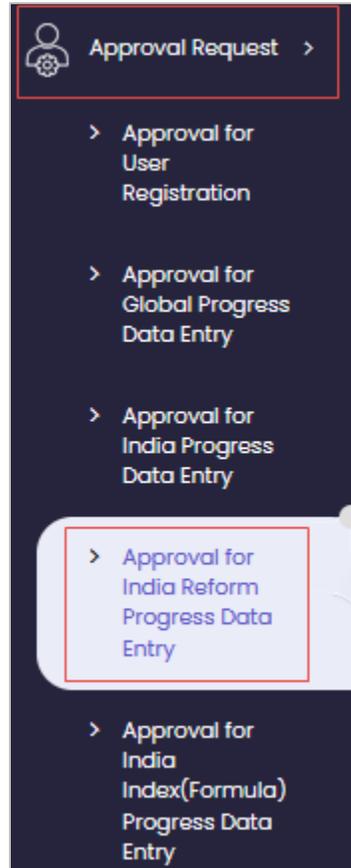


Figure 3-19

Reform Progress Data Entry records will be displayed;

Approval for India Reform Progress Data Entry

Display Range: 10

Search Submit

S.No.	Index	Reform Area	Reform Action	Priority	Weight	Target Completion Date	State	Last Commitment	Last Commitment Date	Reform Action Status	Reform Action Score	Year	Actions			Remarks
													Approved	Reject	No Actions	
1	Global Gender Gap Index_India	Employment	Employment Action 2	Low	1	06-02-2023	Tripura		30-11-0001	Completed	3	2022	0	0	0	

Figure 3-20

- Select appropriate action Approved /Rejected/No action
- Remarks- Enter specific remark and click button.
- [Approved Data will be available under Visualization.](#)

3.7 Visualization

Path: Dashboard Button on Logged-in Screen.



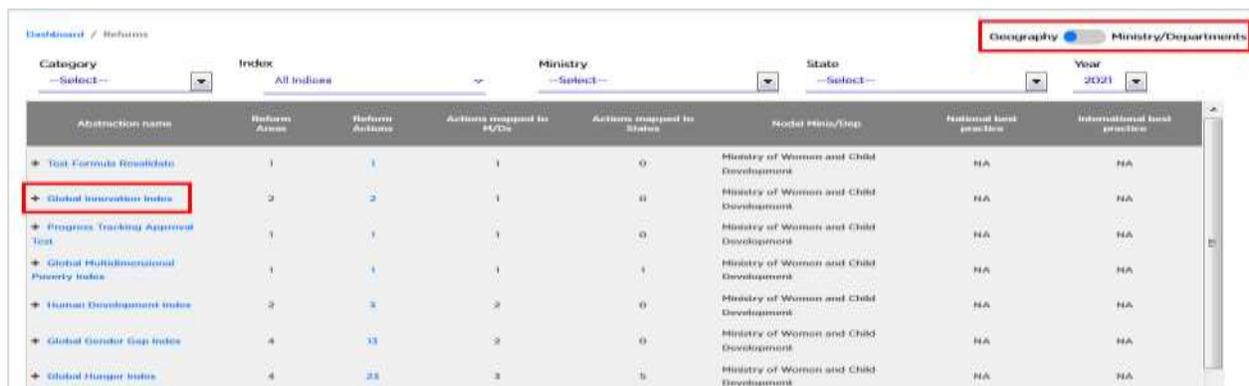
Figure 3-21

Select  button on Logged-in screen. Visualization screen will be displayed;



Figure 3-22

Select  button on landing page of Visualisation to have an aggregate view of reform system.



The screenshot shows a table titled 'Reforms' with various filters and columns. The 'Global Innovation Index' row is highlighted with a red box. The table columns include Abstraction name, Reform Areas, Reform Actions, Actions assigned to M/Ds, Actions assigned to States, Model Minis/Trip, National level practice, and International level practice.

Abstraction name	Reform Areas	Reform Actions	Actions assigned to M/Ds	Actions assigned to States	Model Minis/Trip	National level practice	International level practice
Test Formula Revalidate	1	1	1	0	Ministry of Women and Child Development	NA	NA
Global Innovation Index	2	2	1	0	Ministry of Women and Child Development	NA	NA
Progress Tracking Annualized Test	1	1	1	0	Ministry of Women and Child Development	NA	NA
Global Multidimensional Poverty Index	1	1	1	1	Ministry of Women and Child Development	NA	NA
Human Development Index	2	3	2	0	Ministry of Women and Child Development	NA	NA
Global Gender Gap Index	4	13	2	0	Ministry of Women and Child Development	NA	NA
Global Hunger Index	4	21	3	5	Ministry of Women and Child Development	NA	NA

Figure 3-23

All indices are displayed in list/ tree view

Click + to view Reforms

Dashboard / Reforms

Geography Ministry/Departments

Category --Select-- Index All Indices Ministry --Select-- State --Select-- Year 2021

Abstraction name	Reform Areas	Reform Actions	Actions mapped to M/Ds	Actions mapped to States	Nodal Minis/Dep	National best practice	International best practice
+ Test Formula Revalidate	1	1	1	0	Ministry of Women and Child Development	NA	NA
- Global Innovation Index	2	2	1	0	Ministry of Women and Child Development	NA	NA
- Human Capital	0	0	0	0		NA	NA
Percentage of schools with ICT labs	1	1	1	0	NITI Aayog, Ministry of Women and Child Development	NA	NA
Number of students in engineering and technology	0	0	0	0	NITI Aayog, Ministry of Women and Child Development	NA	NA
Enrolment in PhD	0	0	0	0	NITI Aayog, Ministry of Women and Child Development	NA	NA

Figure 3-24

- Various Reform actions assigned to Users by Nodal, Line/State Admins.
- Reform actions are linked to different nodes of Index tree.
- You can expand the Index till lowest parameter level to view the Reform Areas/Actions. No. of Reform areas and reform actions defined under specific index will be displayed.



Figure 3-25

- Select Graph View Table View, Table View

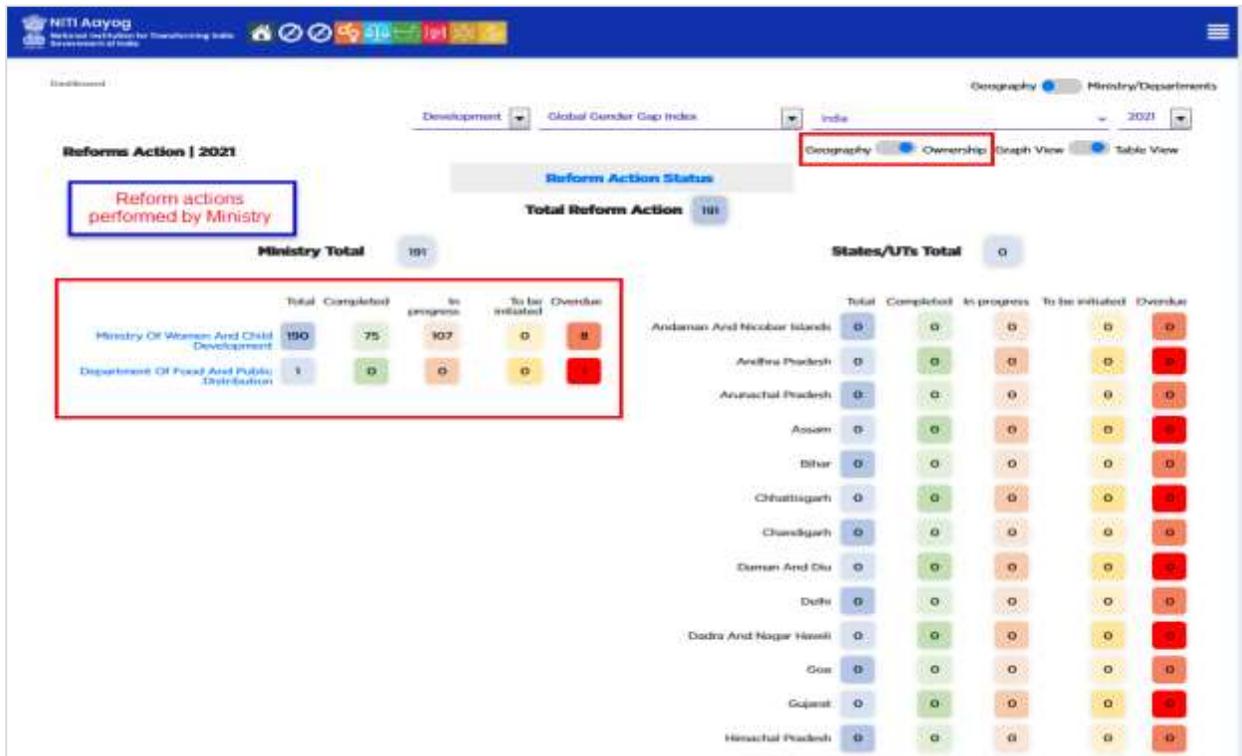


Figure 3-26

- Performance of various states in the area of Reforms
- Table view displays the ownership of assigned reform action
- Select Table View to view details

Note: Aggregate score of Reform = Weighted average score of the performance that has been assigned to them.

- Select Table View to view details
- Click **Reform Action Status** to view reform action performance.



Figure 3-27

Dashboard / Reforms / Reforms Details / Reforms Area

Category: --Select-- Index: --Select-- Reform Area: --Select-- Ministry: Ministry of Women and State: --Select-- Year: 2021

Reform Area	Reform Action	Priority	Status	Target timeline	Remarks	Organisation Mapping (Nodal/Line /State)	Last commitment	Last commitment date	State	Best in India	National best practice	International best practice
Reform Progress Approval Test	RA Progress Approval Test	Medium	In Progress	19-03-2021	NA	Ministry of Women and Child Development	LC-Andaman	02-03-2021	Andaman and Nicobar Islands	Andhra Pradesh	NA	NA
Reform Progress Approval Test	RA Progress Approval Test	Medium	Completed	19-03-2021	NA	Ministry of Women and Child Development	LC- Andhra Pradesh	01-03-2021	Andhra Pradesh	Andhra Pradesh	NA	NA
Reform Progress Approval Test	RA Progress Approval Test	Medium	Completed	19-03-2021	NA	Ministry of Women and Child Development		24-02-2021	Arunachal Pradesh	Andhra Pradesh	NA	NA
Reform Progress Approval Test	RA Progress Approval Test	Medium	Completed	19-03-2021	NA	Ministry of Women and Child Development		09-03-2021	Assam	Andhra Pradesh	NA	NA
Outcome	Neonatal Mortality Rate	High	In Progress	31-12-2021	NA	Ministry of Women and Child Development	test mak	09-02-2021	Andhra Pradesh	Delhi	Download	Download
Outcome	Neonatal Mortality Rate	High	Completed	31-12-2021	NA	Ministry of Women and Child Development	last commitment by silver touch	09-02-2021	Delhi	Delhi	Download	Download
Education reform	Education reform Action	High	Completed	25-02-2021	NA	Ministry of Women and Child Development		NA	Assam	Assam	Download	Download
Education reform	Education reform Action	High	In Progress	25-02-2021	NA	Ministry of Women and Child Development		NA	Chandigarh	Assam	Download	Download
Coverage	Percentage of mothers	High	In Progress	03-12-2021	NA	Ministry of		02-02-2021	Andaman and	Andaman	NA	NA

Figure 3-28

Click Status link, to view the reform action performance;

Dashboard / Reforms / Reforms Details / Reforms Area / Reforms Details

Reform Details - Andhra Pradesh

Reform Area: Reform Progress Approval Test

Reform Action: RA Progress Approval Test Priority: **Medium**

Description: RA Progress Approval Test

Target Implementation Date: 19-Mar -2021

Implementation Status: Completed

Best Practice: State

Last commitment: LC- Andhra Pradesh

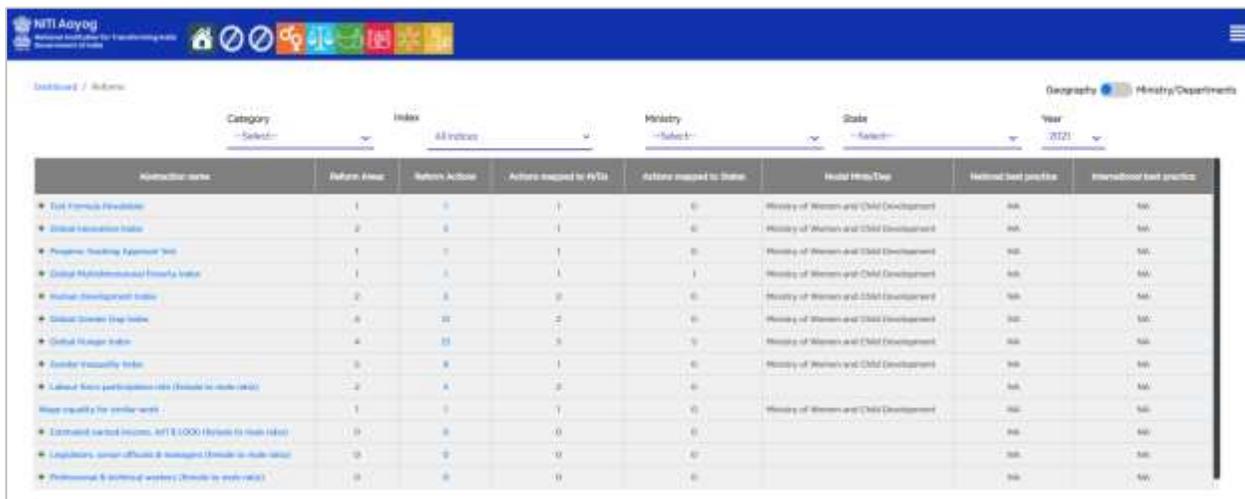
Last commitment date: 1-Mar -2021

Supporting Documents: Download

Figure 3-29

Click Download to download the performance report in PDF format.

Approved Reform Data will be available under Visualization.



Indicator name	Reform Area	Reform Action	Actions mapped to FY20	Actions mapped to State	India Index Top	National best practice	International best practice
• End Female Poverty	1	0	1	0	Ministry of Women and Child Development	NA	NA
• Global Innovation Index	2	0	1	0	Ministry of Women and Child Development	NA	NA
• Progress Tracking Equipment Test	1	0	1	0	Ministry of Women and Child Development	NA	NA
• Global Multidimensional Poverty Index	1	0	1	1	Ministry of Women and Child Development	NA	NA
• Human Development Index	2	0	0	0	Ministry of Women and Child Development	NA	NA
• Global Gender Gap Index	4	10	2	0	Ministry of Women and Child Development	NA	NA
• Global Hunger Index	4	0	0	0	Ministry of Women and Child Development	NA	NA
• Gender Equality Index	0	0	1	0	Ministry of Women and Child Development	NA	NA
• Labour force participation rate (Female to male ratio)	2	0	0	0	Ministry of Women and Child Development	NA	NA
• Wage equality for similar work	1	0	1	0	Ministry of Women and Child Development	NA	NA
• Estimated national income, IFT & 1000 (Ratio to India Index)	0	0	0	0	NA	NA	NA
• Legislative power of Union & States (Ratio to India Index)	0	0	0	0	NA	NA	NA
• Professional & technical workers (Ratio to India Index)	0	0	0	0	NA	NA	NA

Figure 3-30