



DHIS2 FP DataPro App Administrator's Manual

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– •) Dure Technologies

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I. INTRODUCTION

This document provides detailed guidance on the configuration of the FP DataPro Application. It provides a step-by-step guide on how to add a translation, complete data mapping, create a benchmark, create a chart, create a module, and create a report. It also provides a step-by-step guide on the functionality of the Summary Dashboard, Analytical Dashboard and Map Visualization Dashboard.

There are three modules available for FP DataPro – Family Planning (FP), Maternal and Newborn Health (MNH), and Child Health (CH). Countries choose which to include in their embedded module, so not all countries have all three health area modules. This manual provides examples from the FP Module, however, the guidance on the administrative functions presented here applies across all modules.

See the **DHIS2 FP DataPro User's Manual** for detailed information on navigating and using the app as a typical user after configuration.

The following flow is based on the admin configuration and resultant changes in the app's front end.

2. ADMINISTRATION

All of the actions described in this manual are done within the **Admin section**, which is accessed in the top right corner of the FP DataPro screen.



2.1. APPLICATION SETUP

Application name - Click on the Globe icon, which is an option to add the name of the dashboard.



Add the translation to the text field below.

0	DV06-2		
-			
		Add Translations	×
		English	DHIS2 Family Planning Dashboard
			B Contraction of the contraction
		French	Tableau de bord DHIS2 de la planification familiale
			Ok

Secure the changes with "Save" button.

\otimes	DHIS 2		Ū 🗹 III 🗛
\leftarrow	SET CONFIGURATION		🗘 Upload Config 🔗 Backup Config 🗛 🚺 🔺 🌐 🗘
		review for family planning.	
		SUMMARY DASHBOARD	DATA QUALITY REVIEW MAP VISUALIZATION
			Save

2.2. DATA MAPPING

2.2.1 GLOBAL SETTINGS

Application Period

😂 DHIS 2					þ		 AA
← SET CONFIGURATION			🕥 Upload Confi	ig 🔊 Backup Config	A-	A+	ø
Global Settings ¹ Summary Dashi	board Analytical Dashboard	Data Quality Review	Data Quality Review - EMU	Map Visualization			
Application Period	Application Period						
Global Mapping	Current Year Month 3	2023-06					
Benchmark	Backtracking Month 4	30					
External Data	Backtracked Year Month 5	2020-12					
	Backtracking Year Limit 6	9					
	Application Year Range 7	2011-12 to 2020-12					
					-		
https://fptraining.duredemos.com/service/api/apps/FP-	MCH-Dashboard/index.ht						

Components	Description
I. Global Settings	This is the section that has the configuration which is consistently
	applicable throughout the application.
2. Application Period	This is the sub section under Global Setting that has the general
	Period settings for the application.
3. Current Year Month	Ongoing Year Month
4. Backtracking Month	Is the number of Years Months prior to the current Year Month
5. Backtracked Year/Month	Current month - Backtracking Month
6. Backtracking Year Limit	Total number of years prior to the Current Year
7. Application Year Range	(Backtracked Year Month – Backtracking Year Month) till
	Backtracked Year Month

Global Mapping

Go to Global Mapping and Click "Add".

Note: The Global mapping has pre-configured data element/indicator/data set mappings, the user is expected to update the global mapping based on the relevant mapping used in the country.



It will open the following window. Add the suitable name as needed.

Tab Name	_	×		
Name	Test Tab			
		Cancel Ok		
				0

🗇 DHIS 2	<u>م</u> گ		AA
← SET CONFIGURATION	🕞 Upload Config 🛛 🔗 Backup Config 🔷 A+ 🚺 A+		0
Global Settings Summary Da	shboard Analytical Dashboard Data Quality Review Data Quality Review - EMU Map Visualization		
Application Period Global Mapping Benchmark External Data	+ Add $\leftarrow \rightarrow \checkmark \oplus \Xi$ Visits $\leftarrow \rightarrow \checkmark \oplus \Xi$ Commodities (Client) $\leftarrow \rightarrow \checkmark \oplus \Xi$ Stock Out $\leftarrow \rightarrow \checkmark \oplus \Xi$ Program $\leftarrow \rightarrow \checkmark \oplus \Xi$ Youth $\leftarrow \rightarrow \checkmark \oplus \Xi$ Other $\leftarrow \rightarrow \checkmark \oplus \Xi$ PPFP $\leftarrow \rightarrow \checkmark \oplus \Xi$ Comparing PPFP Method $\leftarrow \rightarrow \checkmark \oplus \Xi$ Adolescent Pregnancy $\leftarrow \rightarrow \checkmark \oplus \Xi$ Availability $\leftarrow \rightarrow \checkmark \oplus \Xi$ Insertion vs Removal $\leftarrow \rightarrow \checkmark \oplus \Xi$ Test Tab		
	Global Mapping	~	

This Tab will be placed among other Tabs in the upper part of the webpage.

Let us see the functionalities in the Tab configuration.



Components	Description
I. Move Left	Tab placement to the left.
2. Move Right	Tab placement to the right
3. Edit	To edit the name of Tab
4. Add Translations	To add translations in the respective language
5. Delete	To delete the Tab

To see how the Global Mapping is done let us take an example of "Visits" tab.

Click on Visits Tab, now the Global Mapping section at the bottom of the page will show all the Family Planning Method mapped to the "Visits."

Add the data elements corresponding to specific methods with the help of "Add Data Element" button.

\otimes	DHIS 2			Q		 AA
\leftarrow	SET CONFIGURATION		🕞 Upload Config 🔗 Backup Config	A-	A+	0
		Global Mapping			~	
		🖥 🚺 STERILIZATION			•	
		Display Name 1	Sterilization	۲		
		Color 2	#E54988			
		Disable ³				
		Data Mapping		^	ן	

Components	Description
I. Display Name	The name of the FP Method that will reflect in application.
2. Color	Add the desired color by clicking on the color box at the right.
3. Disable	Enable/Disable the method.
4. Expansion Arrow	This collapses further to the Sub method's configurations

$\langle \! \rangle$	DHIS 2				2 I	
\leftarrow	SET CONFIGURATION		<table-cell> Upload Config 😔 Backup Config</table-cell>	A- 🔺 A-	•	•
		1 I G GD TUBAL LIGATION (F) Display Name Color CYP Indicators/Data Elements Mapping Indicator O Data Element Data Element Reset Add Data Element No Data Elements Selected!	Tubal Ligation (F) #E54988 10			
		↑↓ 🗟 🖘 VASECTOMY (M)		~		^

Components	Description
I. Indicator/Data Element/Data Set	The selection will lead to Adding of the chosen category.
2. Add Data Element	In this case, since Data Element is selected the button name changes to "Add Data Element".

Clicking on the Add Data Element will lead to display of the following popup. The user may choose to add the exact name or scroll through the list that shows after the expansion arrow is clicked.

OHIS 2			Q 🛛 III 🗸
- SET CONFIGURATION			
11			
Dis			
<u>ା</u>	Select Data Element	×	
ġ.	Select Data Element		
	Search for a Data Element		
	adol_birth_number		
	adol_birth_percent		
	Adolescent1sto19youthpercentage		
	adol_pop15		-

This mapping will be used across the application wherever applicable.

Benchmark

Benchmark is a setting in which user can set a Benchmark line in a Chart. Click "Add" button to create a new Benchmark as shown below.

S DHIS 2					þ			AA
← SET CONFIGURATION			🕥 Upload Confi	g 📀 Backup Config	A-	A+		ø
Global Settings Summary Dashbo	oard Analytical Dashboard	Data Quality Review	Data Quality Review - EMU	Map Visualization				_
Application Period Global Mapping Benchmark External Data	Benchmark Search Benchmark C C C C C C C C C C C C C C C C C C C				Add	~ ~		
							(

It will create a Default Benchmark. Click on the downward arrow.

DHIS 2						þ			AA
SET CONFIGURA	ATION			😱 Upload Conf	ig \varTheta Backup Config	A- A	A+ (€	Ø
Global Settings	Summary Dashboard	Analytical Dashboard	Data Quality Review	Data Quality Review - EMU	Map Visualization				
Application Period	Ben	chmark							
Global Mapping									
Benchmark	S	earch							
External Data	E	enchmark					~		
		C REPORTING RATE					^		
		🗟 🖨 DEFAULT					^		
						Add S	Save		

It will open the set of Configurations as shown, let us see all the settings and the final output.

\otimes	DHIS 2						D D	 AA
\leftarrow	SET CONFIGURATION				\Lambda Upload Config	Backup Config	A- A A+	ø
		REPORTING RATE					^	
		DEFAULT					~	
		Name 1	Default		⁶ Benchmark Type	Custom	*	
		Line Type ²	Solid	~	7 Line Value (%)	80		
		Line Color ³	#ff0000		8 Line Width	1	*	
		Label Text ⁴			9 Label Position	Center	*	
		Label Color	#f6f6f6					
							Add Save	^

Components	Description
I. Name	This is the name or title of the Benchmark
2. Line Type	This is the type of line (Dash, Dot) for Benchmark
3. Line Color	This sets the Dash or Dot line color
4. Label Text	This helps to add any description for Benchmark
5. Label Color	Color to be chosen for the Label
6. Benchmark Type	Custom, External Data, National Benchmark
7. Line Value (%)	This is the value at which the Benchmark line will be set.
8.Line Width	The breadth of the line
9.Label Position	To set the placement Center, Left or Right of the Line



The Output is the Benchmark line titled "Test Benchmark" shown below.

External Data

External Data: It deals with the adding of DHS, FPET (Family Planning Estimation Tool) and other survey data in "Key Insights" section.

We can also create a benchmark out of the External Data.

S DHIS 2						9 III	AA
← SET CONFIGURATION			🕥 Upload Config	Backup Config	A- A A+		0
Global Mapping							-
Benchmark	Search						
External Data	External Data					~	
	🖻 🏟 DEFAULT				~		
	Name	Default 🌰	Line Color	#000000		-	
	Value	Data Entry					
						_	
					Add Save		~
	Value	Data Entry			Add Save	-	,

Click on the "Data Entry" button,

😂 DHIS 2					
← SET CONFIGURATION					
Global Mapping	Data Entry			×	
Benchmark External Data	Data Element ¹ externalData-kZ38wND3c1WBEmcX		No Data to Display		
	Location ² Harmonia	× •			
	Search	Prev year			
				Add	
					0

Components	Description
I. Data Element	The Data Element to be mapped.
2. Location	The organization unit either National/Subnational or both can be mapped.
3. Period	Time period to be set for the Data element.

Let us take an example, we set the 25% as the External Data for 2023, Now we set this as a benchmark.

Go to "Benchmark" subsection and Set Benchmark Type as External Data and "Line Value" field gets auto populated. Add the Test External Data to this field as shown below.

🛞 DHIS 2						þ		 AA
← SET CONFIGURATION				\Lambda Upload Config	Đ Backup Config	4- A	A+	ø
External Data	Benchmark						~	
	🖥 🏚 REPORTING RATE						^	
	🛱 🏟 TEST BENCHMARK						~	
	Name	Test Benchmark		Benchmark Type	External Data	~		
	Line Type	Solid	*	Line Value (%)	Test External Data	¥		
	Line Color	#371dfc		Line Width	1	¥		
	Label Text			Label Position	Center	¥		
	Label Color	#f6f6f6						
								^

\otimes	DHIS 2					5 0	 AA
\leftarrow	SET CONFIGURATION			\Lambda Upload Config	Đ Backup Config	A- 🔺 A+	0
		Data Mapping	Sterilization × IUD × Implar	nt ×		× •	
		Category	Trend +	Chart Type	Column	×	
		Calculation Type	Default 🗸	Percentage Indicator			
		Drilldown		Sum of Data	Legend		
		Benchmark	Test Benchmark × × ×	Benchmark in Legend			
		Color	#f46767	Chart Title			
		Chart Subtitle		X-axis Title			
		Y-axis Title		Source		(^
							Ō

We also need to add this Benchmark into the Chart, shown below

In the front end this configuration will reflect as a Benchmark line with 25%



2.3. CHART CONFIGURATION SETTINGS: SUMMARY DASHBOARD, ANALYTICAL DASHBOARD, DATA QUALITY REVIEW DASHBOARD & MAP VISUALIZATION

Please note that the following Configuration is related to creating Charts and Summary. These Configuration steps are consistent across the various dashboards: Summary Dashboard, Analytical Dashboard, Data Quality Review, Data Quality Review – EMU, and Map visualization.

Guidance on chart configuration settings for the Interactive Analytics Dashboard are covered in the next section, 2.4.

2.3.1. CHART SETTINGS

Each of the dashboards can have numerous sections and create charts created in them. Under each section various types of charts can be created, the configurations of each chart can also be updated according to the needs.

Chart Settings		~
1 1 2 1 1 1 2 ↔ VOLUME: F	P VISITS	~
3 Disable		
Heading	Volume: FP Visits	4
	17/100	li
Information		
		5



Components	Description
I	This is used to change the position of the chart
2	This enables the user to delete the chart permanently
3	This is used to disable the chart
4	The chart title can be added using this option
5	This can be used to add any information on the chart
6	This enables the user to add mapping on the chart
7	Enables user to add the type of chart- Trend, Regional, Seasonal charts
8	The user can select the calculation type
9	In case of a percentage indicator this option can be toggled on
10	The calculation type for the drill down can be selected
11	The color for the negative indicator can be selected
12	This allows user to provide a sum of the mapped data elements
13	The color for the added data element can be selected
14	The legend can be toggled on/ off
15	This enables user to select the type of chart such as line, spline, column, bar etc.
16	The default view can be selected, a table or chart as needed
17	Drilldown can be enabled if required and the name of the y axis for drilldown can be added
18	The color of the positive change can be added
19	The drilldown can be selected as a benchmark
20	The benchmark can be assigned to the chart
21	The title name can be added in the chart
22	The subtitle name can be added in the chart
23	This enables user to add x axis title
24	The source of data can be added
25	Enables the user to add summary in the Key insight section
26	The color for the decline in indicator value can be added ($< -5\%$)
27	This enables the user to add the total of the indicator in the chart
28	This enables the user to add y axis title
29	This enables the user to add data labels
30	This enables user to add color needed to represent values greater than 5% (> 5%)
31	This enables user to add color needed to represent values greater than 5% and lesser than -5% (+/- 5%)

Configuration in Key Insights

\otimes	DHIS 2					D D	 AA
\leftarrow	SET CONFIGURATION			\Lambda Upload Config	Backup Config	A- 🔺 A+	0
		Drilldown		Sum of Data	Legend	#	
		Benchmark	Test Benchmark × × ×	Benchmark in Legend			
		Color	#f46767	Chart Title			
		Chart Subtitle		X-axis Title			
		Y-axis Title		Source		•	
		Data Labels		Generate Summary		"	
		Generate Total					
						Add	Ū.

To add charts in Key insights section, the "Generate Summary" option should be enabled.

Once enabled, go to the "Summary" section below the Chart settings.

\otimes	DHIS 2					Ģ			AA
\leftarrow	SET CONFIGURATION			ကြာ Upload Config 🕖	Backup Config	A- A	A+		0
		Chart Settings					^		
		Summary							
		Disable							
		Primary Chart Test Chart	1	Secondary Chart	Volume: FP Visits		2		
		Volume: FP Visits Percentage Indicator Test Chart		External Data			~		
		Benchmark							
		Summary Text							
The total volume of service provision (as measured by {INDICATOR_NAME}) was (COMPARE_LAST_MONTH) in (CURRENT_PERIOD) compared with last month ((LAST_PERIOD)). Compared with last year ((LAST_YEAR_PERIOD_VALUE)), the volume of service provision was (COMPARE_LAST_YEAR).									^
		Indicator Name Compare Last Month Value Comp	nare Last Ve	ar Same Month Value	Period Current Pe	ariod Value			Ō



Select the Primary Chart option and the chart will then be available in Summary dashboard as follows.

Creating Sections and Sub-sections in a Dashboard

S DHIS 2		<u>ل</u> م ک	
← SET CONFIGURA	TION	<table-cell> Upload Config 😔 Backup Config 🗛 🔥</table-cell>	⇔
Application Setup	Data Mapping		
Global Settings S	Summary Dashboard Analytical Dashboard [Data Quality Review Data Quality Review - EMU Map Visualization	
+ Add	+ Add $2 \leftrightarrow 2 \oplus \mathbb{R}$	٢	
	Group	EMU 🗸	
	Sub-module Summary	Normal \Rightarrow B I U $\equiv \equiv \equiv \equiv \equiv \equiv \equiv \equiv \blacksquare$	
https://fptraining.duredemos.com/s	ervice/api/apps/FP-MCH-Dashboard/index.ht	·	()

Components	Description
I. Add	This will create a new Section in Dashboard
2. Add	This will create a new Subsection

Section can be created as follows:

OHIS 2				Q Ø	
Application Setup Data Mapping					
Global Settings Summary Dashboa	Tab Name	×	Map Visualization		
+ Add	Name	Test Section			
	Group	Default v			
		Cancel			

A subsection is created as follows, after adding "Add", Add the group to which the subsection will fall under.

🛞 DHIS 2		Ū 🛛	
← SET CONFIGURATION		🕞 Upload Config 🛛 🕹 Backup Config 🗛 🔺 🧯	•
+ Add EMU	+ Add ← → 🖍 🕀 🗟 EMU	← → ✓ ⊕ ☐ Test subsection	
Volume	Group	~	
Volume - CYP	Sub-module Summary	EMU PPFP RMNCH	
Stock Out		Stock Out Adolescents and Youth Default	
Program			
Reporting Rate		•	
	Chart Settings	^	

2.4. CHART CONFIGURATION SETTINGS: INTERACTIVE ANALYTICS

Another part of the application, which is not confined to admin, deals with a substantial configuration to create custom charts and modules and thereby Dashboards.



Note that the charts created in the Interactive Dashboards are saved in the Saved Favorites section and can be used to upload while creating a new Dashboard via Interactive Analytics section.

	DHIS 2					Ģ			
\leftarrow	Interactive Analytics			Save	ed Favorites A	Admin A- 🔺	A+	⇔ ¢	
	Chart Type	1 Layout:	Series	Data	Category	Period		5	
	Data 🔨	2	Filter	Organisation Units					
[Period ^	3							
	Organisation Units	4	🗲 Configure Your Chart						
	lladate								
	Opuate								

Components	Description				
I. Chart Type	o select chart representation type				
2. Data	The data elements that go into the chart				
3. Period	The length of time to be displayed in the chart				
4. Organization Units	The Location that needs to be focused on in the chart				
5. Layout	 The adjustments in Legends and axes can be done from Layout The layout has 4 parts - Series: Dimension that lies in this part forms the Legend in the Chart. Here, Organization unit is placed in Series section, which formed the chart's legend. Category: Dimension that lies in the category forms the X- axis of the chart. I the above chart the Period has formed the X-Axis of the chart. Filter: Data forms the column of the charts that represent the data value across the period. Other Dimension: 				

Once the Chart type is selected, we select the data that goes into the chart, this is done by making selections to the various components shown below:

🗇 DHIS 2			لې ۵	
← Interactive Analytics			Saved Favorites Admin A* 🔺 A*	•
 Indicators Data Element Data Sets Event Data Items Program Indicators 	Layout:	Series Filter	Data Category Period Organisation Units	
All Indicators Search Avenilable Selected Stock Out Avenil Of Stock Out Avenil Of Stock Out Avenil Of Stock Out Avenil Parting yean Family Planning Immediate Avenila Parting yean Move All a Update 4			← Configure Your Chart	

Components	Description
I. Select the Indicator/Data Element/Data	This selection will lead to displaying more specific
Sets/Event Data Items/Program Indicators	information about the type of data point selected
2. Search	Enter the exact data point name for selection
3. Move all	Bulk selection
4. Update	Update the configuration

The Period can be changed as needed, the available options are Monthly, Annual, Quarterly & Financial Year.

\otimes	DHIS 2			5 🛛 🏭 🏧
	Interactive Analytics			Saved Favorites Admin A- \Lambda A+ 🌐 🔅
	Monthiy	Lavout:	Series	Data Category Period
	Monthly	Luyout.	Filter	Organisation Units
	Quarterly			
	Annual			
	Financial Year (Start April)			
	Nov 2023			
	Oct 2023			
	Sep 2023			
	Aug 2023			← Configure Your Chart
	lul 2022			-
	Move All » Move All «			
-				
	• • • • • • •			
	Lindato			
	opdate			

The Organizational Units can be selected from the highest level (country) to the granular level.

	DHIS 2						C	2 🖸	 AA
\leftarrow	Interactive Analytics				Save	d Favorites Ad	min A-	A A+	٥
	Data 🔨								
		-	Layout: -	Series Filter	Data Organisation Units	Category	Period		 -
	Period ^								
	Organisation Units 🗸								
	Harmonia 🗙 🔺 🔺								
	✓ ✓ Harmonia (2)			🗲 Configure Your Chart					
	 North (0) South-Central (0) 				, comiguio roui				
_		-							
	Update								
									\odot

The Output is the following graphical representation as below:



Components	Description
I. Quick Edit	Provides more options to modify the chart
2. Save chart as favorite	To save this custom chart in Saved Favorites section
3. Download	To save a copy

QUICK EDITS

\otimes	DHIS 2				Q	
		Chart Settings	×			
		Chart Benchmarking Colors Legends Drilldow	vn			
		Chart	_1			
		chart file				
		Chart Subtitle				
		X-axis Title				
		Y-axis Title				
		Cancel	Update			

Components	Description
I. Chart Title	To add the name of the chart
2. Chart Subtitles	Description of chart
3. X-axis Titles	Title of the X axis
4. Y-axis Titles	Title of the Y axis
5. Data	Enable to show the data
6. Legend	Enable to show the legend
7. Tooltip	Enable to show data vignette



The user may Select Data, Legend, Tooltip and 'Update'.

BENCHMARK

\otimes	DHIS 2						Q	M 111 AA
		Chart Settings			×			
		Chart Benchma	arking Colors	Legends	Drilldown	Category		
		Benchmarking						
		Line Type	Solid		~			
		Line Value Type	Percentage (%)		~			
		Line Value (%)						
		Line Color						
				Ca	ncel Update			

These options are like the Benchmark from the Admin panel. Here the Reset, Delete, Add are added options.

🗇 DHIS 2							2	□ 🖾 🏢 (
	Chart Sett	ings			×			
	Chart	Benchmarking	Colors	Legends	Drilldown	Category		
	Line Width	1						
	Line Label							
				C Rese	et Delete			
				(<u> </u>		0.84		
					+ Add			
				C	Cancel Update			
								Source: N/A
								(

Components	Description
I. Reset	To wipe all the configurations to blank
2. Delete	Remove the Benchmark
3. Add	Add a new Benchmark

The color option is used to choose color for the representatio	n.
--	----

	Chart Settin	ngs				×		
	Chart	Benchmarking	Colors	Legends	Drilldown			
	Colors							
	Average # of ties (clients)	commodi er visits			#de951b			
					Cancel Update			
								Source: N/A

Legends allow the user to edit or enter a new name of legend.

	Chart Settings	Series	Deta	:	K			
	Chart Benchmar	king Colors	Legends	Drilldown				
	Legends							
	Average # of commodi ties (clients) per visits	Average # of co	ommodities (cl	ients) per visits				
				Cancel				
								6

Drill down, Click add to add the data point to which the graph element will drill down.

	Chart Settin	ngs				×		
	Chart	Benchmarking	Colors	Legends	Drilldown	1		
	Drilldown					- T		
	Average # (of commodities	(clients) pe	r	+ Add	1		
	visits					4		
					Cancel Up	date		

Taking an example click "+Add".

Add Drilldown		×	
Data			
 Indicators O Data Element Event Data Items O Progra 	 Data Sets m Indicators 	- Company	
All Indi	icators		
Search			
Available	Selecte	d	
% de femmes utilisant la PF	Aggregate (Visits)		
Active HFs submiting MIAR			
Adoption PFPP (%)			
Autres Méthodes			
	Cancel	d	
			i i i i i i i i i i i i i i i i i i i

Click on the "Add" option.

The outcome is the Average of Commodities (Clients) per visits graph now can be drilled down to Aggregate Visits shown below.

	DHIS 2								þ			AA
\leftarrow	Interactive Analyti	cs					Saved Favorites	Admin A	A	A+		0
		Average # of commodities (clients) per visits	Lay	put:	Series Filter	Data Organisation Units	Category	Period				
	Move All >	Move All «	4M 3M 2M	Average # of	commodities (clients) į	er visits / 2019	2,947,726			/	A 6	
	Organisation Units	^	1M 0	4		Average # of comm	Aggregate (Visits) nodities (clients) per visits (2019)				Þ	
		Update				-				Sou	rce: N/A	$\overline{\mathbf{O}}$

As a next step we can also save this chart into the favorites.

🗇 DHIS 2						þ	⊠ ₩ 🏘	A
← ⁻ IM ⁻ Interacti	ve Analytics			Sat	ved Favorites Ad	lmin A- 🔺	A+ 🌐 🛱	3
	Average ≢ of commodities (clients) per visits	Layout:	Series	Data Organisation Units	Category	Period		
Move All 3	Move All C	Na Test Chart Visi	ame your booki is Cancel Subm	mark iit			/ A 6	
Period	^	1M 0						
Organisation Unit	s ^	×		Aggregate (Visit: Average # of commodities (clients)	s)) per visits (2019)			
	Update						Source: N/A	Ö

After user clicks on "Submit" they are navigated to "Saved Favorites section" under "Saved Visualizations". Let us create a new Module and add this chart into that module. Click "Create New Module".

S DHIS 2		ب ש # A
← 🕌 🖁 Saved Favorit	es	Interactive Analytics Admin A- 🔺
Create new Module	Saved Visualisation	C Q Search Show 6 ~
View Modules	test	Test Chart Visits
	User Name: admin admin Created: 10/04/2023, 4:19:58 pm Last Updated: 10/04/2023, 4:19:58 pm	User Name: admin admin Created: 19/06/2023, 3:01:14 pm Last Updated: 19/06/2023, 3:01:14 pm
Follow us: 👔 🖲		

A new pane opens with the Module settings.

🛞 DHIS	Name 1	Test Module			
← 1 8	Description 2	For testing purposes			• •
Create new Mod	Logo	branding.png		Browse 🔻	~
View Modules					
			4	+	
	Color 4	•	0	0	
	Module Elements 5	Search		v	
	Link To	Family Planning		~	
Follow us:		Submit Reset			

Components	Description
I. Name	To add the title of Module
2. Description	More information related to Module
3. Logo	Logo can be selected from given options or a file from Computer
4. Color	Theme Color
5. Module Elements	The charts that will form part of the module
6. Link to	The Dashboard to which the module will be added

😂 DHIS 2		Q.	
← 🕌 🖁 Saved Favorit	es	Interactive Analytics Admin & A	A+ 🌐 🛱
Create new Module	Saved Modules		
View Modules	TEST MODULE		
	Saved Visualisation	C Q Search Show	6 ~
	test	Test Chart Visits	
Follow us: 👔 💌	User Name: admin admin Created: 10/04/2023, 4:19:58 pm Last Updated: 10/04/2023, 4:19:58 pm	User Name: admin admin Created: 19/06/2023, 3:01:14 pm Last Updated: 19/06/2023, 3:01:14 pm	

User can now see this custom module under Saved Modules section as shown below:

If the user hovers over the module, they can see the three actions. Out of the three actions, **edit action** opens the same pane that was used while creating a new module. The **delete action** is used to remove the module. Click on the **"View "action**.

S DHIS 2			Ō	⊠ :	
← 🕌 🖁 Saved Favorit	25	Interactive Analytics Admin A		A+	•
Create new Module	Saved Modules				
View Modules	C3 View Edit Delete				
	Saved Visualisation	Search	Show	6 ~	
	test	Test Chart Visits			
javascriptivoid(0)	User Name: admin admin Created: 10/04/2023, 4:19:58 pm Last Updated: 10/04/2023, 4:19:58 pm	User Name: admin admin Created: 19/06/2023, 3:01:14 pm Last Updated: 19/06/2023, 3:01:14 pm			



By "Edit" option the user can edit the name of the Module or Add a new chart as below:





It can be seen as follows:

						AA
						Q.
	The Bently Planning Wodue to designed to support		×			
		TEST MODULE				
1	20	CA2			1	0

Please note that the module will be found under the Family planning Dashboard or Maternal Health Dashboard as per the selection.

3. HOME PAGE

		Interactive Analytics Saved Favorites	Admin 🔺 🔝 👫 🌲 🖨 🗘
	:		
	Integrated DHIS2 FP & MNH Framework		
ı.	The Family Planning and Maternal and Newborn Health module is designed to support data driving decision-making and data quality review for Family Planning and Maternal and Newborn Health.		
	Select Dashboard	2 Integrated FP & MNH Dashboard	3 Reports
	Family Planning Maternal and Methods and		

Components	Description
1.	Allows user to select the dashboard from the dropdown
2.	Navigates the user to the integrated dashboard
3.	Enables report creation and generation

🗇 DHIS 2		
← , , Summary	shboard Interactive Analytics Saved Favorites Admin 1 🖉 🚇 3	,
Key Insights EMU	This section is designed to highlight priority indicators that show how the Family Planning is performing. Indicators are compared to the prior month to a whether there has been Positive Growth (> 5%), Declines (<-5%), or Limited Change (+/ 5%). Understanding what indicators are changing can help point areas of strong performance as well as areas that need greater attention. Select the indicators below to see more details on their performance at a natio v1.10.1	
Volume Volume - CYP by method Stock Out	P EMU View More So change from November 2020 More same time last year (December 2019). Compared to last month (November 2020) and was similar to compared to the same time last year (December 2019). Compared to last month, EMU of: Sead More Year More Year More Year More Your More Your More So change from November 2020, Compared to last month (November 2020) and was similar to compared to the same time last year (December 2019). Compared to last month, EMU of: Sead More Your More	
Program Reporting Rate	O Stock Out View More 10% % change from November 2020 2.00% Stockouts of the method Injectable were similar to compared to last month (November 2020) and were similar to compared to the same time last year (December 2019)/(12%). 8%/ Stockouts of the method Injectable were similar to compared to the same time last year (December 2019)/(12%). 8%/	

Component	Description
I. Setting	Setting icon accommodates the different options like Tour guide,
	Training, Clear Cache, Updates
2. Language	Change Language
3. Reset the Font Size	To increase/decrease font size
4. Tour Guide	Provides vignette
5.User Manual	Training Materials
6.Clear Cache	To remove cache, cookies for intended purpose
7.Update	To see the newly built features as part of updated version
8.Uses Analytics	To track the usage of application
9.Contact Us	To contact the technical team in case of any issue/enquiry.
10.Themes	To select the theme of choice

The update section opens into a pane showing the version update features. Click on the arrow to see the next page.

I DHIS	2		9	12	. 81	44
		Welcome!				
		This is an updated version of Family Planning Dashboard. Please have a look at the updates.				
		Lord Korp C M I A				
		Initialities 2011 • California Ca				
	<	The themes are now available on the header of the homepage whilst earlier it was in positioned in the admin admin admin the admin the state of the the state of t	C	>		
		0 0 0 0 0				
			0	k		
			N (11)			0

4. SUMMARY DASHBOARD

S DHIS 2	2	
← , s	Summary Dashboard	Interactive Analytics Saved Favorites Admin A- \Lambda A+ 🌐 🏟
Key Insights EMU		This section is designed to highlight priority indicators that show how the MCH program is performing. Indicators are compared to the prior month to show whether there has been positive growth (of +5% or more), declines (-5% or more), or limited change (+/- 5%). Understanding what indicators are changing can help point to areas of strong performance as well as areas that need greater attention. Select the indicators below to see more details on their performance at a national and subnational level and over time.
EMU		EMU View More % change from Nov 2020 0.00%
Volume	>	The Estimated Modern Use (EMU) was similar to compared to last month (Nov 2020) and was decreased compared to the same time last year (Dec 2019). The EMU is3 Read More Read More
Volume - CYP	>	Performance against benchmark N/A Performance against benchmark N/A
Stock Out	>	
Program	>	Commodities Clients View More Stock Out View More % change from Nov 2020 1.02% % change from Nov 2020 2.00%
Follow us:	f 🎐	The total volume of service provision (as measured by Harmonia) was similar to in Dec 42020 compared with last month (Nov 2020). (3c) mpared with last year (1968392), the
	Harmonia	x • Monthly x • 2020-12

Component	Description			
I. Dropdown arrow	For List expansion			
2. View More	To open the detailed view			
3. Read More	To open the hidden statement			
4. Location	Filter the output on basis of a selected location			
5. Period Type	Filter the output on basis of Period type as Monthly, Annual, Quarterly			
6. Period	Filter the output on basis of Years			
7. View key indicators variations	Check marks to select Trend charts, Seasonal charts and regional charts			

VIEW MORE



Components	Description		
I. Generate Report	Feature to export a report		
2. Method Dropdown	To select a method of sterilization		
3. Name	Checkbox enables the name display in map		
4. Full Screen	To switch to full screen		
5. +	Zoom in		
6	Zoom out		
7. Pane	To show the range and color code		
8. Play	To play the region wise distribution		
9. Period dropdown	To select a specific year to see the map visualization.		

GENERATE REPORT

The entire can be downloaded in ppt or pdf format using the "Generate Report" button.

🛞 DHIS 2						۲¢	⊠ ₩ •
← 📲 Summary	Dashboard	I			Interactive Analytics Saved Favorites Adn	nin A- A A+	≜
Key Insights		This section is designed to highlight pric whether there has been Positive Growth	rity indicators that show h (> 5%), Declines (< -5%), «	now the Family Planning is perf or Limited Change (+/- 5%). Uni	forming. Indicators are compared to the prior month to derstanding what indicators are changing can help poi	show 🖪 G	ienerate Report
EMU	>	areas of strong performance as well as a and subnational level and over time.	areas that need greater at	tention. Select the indicators be	elow to see more details on their performance at a nati	onal	
Volume	>	22.75% ⁰ EMU		Export Options	sits		View More
Volume - CYP	>	% change from Septem The Estimated Modern Use (EMU) was similar compared to the same time las	Reports	DPDF DPPT	ange from September 2020 service provision (as measured by Ha nonth (September 2020). Compared	rmonia) was similar in Octol with last year (41,24,461), th	-2.15% ber 2020 le volume of
Stock Out	>			Cancel Submit			Read More
Program	>	41.560 ⁰ Commodities Clients	_	View More	⁰ Stock Out		View More
Reporting Rate	>	% change from September The total volume of service provision (as m	2020 easured by Sterilization) was	-3.42% similar in October 2020	% change from September 2020 Stockouts of the method Pill were similar compared to la	st month (September 2020)	-4.00% and were
sectionName	>	compared with last month (september 202	u). Compared with last year (1	Read More	similar compared to the same time last year (October 20	19)(22%). The level of stocko	Read More
Follow us: 👔 💌							
	_	Location	Period Type	Period	View key indicators variations		
		nia X – Monthly	× -			Apply	

FEATURES OF A TYPICAL CHART



Component	Description			
I. Chart View	This works when the table view needs to be pulled back to			
	Chart view			
2. Table	To see chart in tabular format			
3. Sort	To sort order of legend			
4. Full screen	To view chart in full screen			
5. Comment	To add comment on the chart			
6. Download	Download a copy			
7. Expansion/Contraction Arrow	To collapse the options trail			
8. Type of representation dropdown	Selection for Spline, Bar, Stacked bar, Column, Percent			
	Stacked, Percent Bar, Line and Area			

5. ANALYTICAL DASHBOARD



The chart functionalities lie constant across all the charts throughout the application, the above image shows the Analytical Dashboard.

5.1.1 FP EQUITY DASHBOARD

The Equity Dashboard is an additional dashboard available only within the FP Module and included by only a few countries. If your FP DataPro application does not include the FP Equity Dashboard, skip to the next section.

If your FP DataPro includes this feature, program administrators can use the Admin panel to make changes to the Equity Dashboard, including assigning equity levels to regions and choosing relevant DHIS2 indicators to track. This is only available to those with administrator access, with most users simply seeing the information displayed as maps, tables or plots.

To access this from the Analytical Dashboard, click on "Admin" in the top right corner.



Next, click "Data Mapping" > "Global Settings" > "Equity Dashboard".

← SET CONFIGURATION			ເຊັ່ງ Upload Config	 Backup Config 	Switch Admin	A- A A+	۵	٥
Application Setup Data Mappin	g							
Global Settings Summary Dash	board Analytical Dashboard	Data Quality Review Data Qua	ality Review - EMU	Map Visualization				
Application Period	Application Period							
Global Mapping								
Benchmark	Current Year Month	2025-01						
External Data	Backtracking Month	1					*	
Sevin Deckhood	Backtracked Year Month	2024-12						
Equity Dashboard	Backtracking Year Limit	4					*	
	Application Year Range	2020-12 to 2024-12						
						s	ave	

At this point, the administrator can begin to configure the Equity Dashboard to suit their needs, beginning with defining the regions and assigning each an Equity level based on its performance on the selected equity indicator or index.

To begin the process of assigning each region an equity level, make sure that the 'Equity Type' button on the top left is highlighted and then click on the 'Add Equity Type' button on the right.

← SET CONFIGURATION		😱 Upload Conf	ig \varTheta Backup Config Swi	tch Admin A- 🔺 🔺	⊕ ✿
Application Setup Data Mapping					
Global Settings Summary Dashboard Analy	rtical Dashboard Data Quality Review	Data Quality Review - EMU	Map Visualization		
Application Period Equity Type	Regions to Assign				
Global Mapping					
Benchmark				Add Equity Type	1
External Data	pe	Color	Active Last Updated	Actions	
Equity Dashboard					

First, the user must establish the names and colors used to indicate equity level. Users can set as many different levels of equity as needed, depending on how much variation there is in the levels of equity. In this example, we will set the 'Low' level and assign it a red color. First you will see a box where the label for the equity level can be assigned – type the label into the box and click 'ok'.

Next you will see a box named 'Edit Equity Type'. Enter 'Low' in the 'Display Name' box and select a color in the 'Color' box. A combination of symbols, letters and numbers will appear in the box as a code for the color. Click on 'Update'.

After clicking 'Update', you will see a screen saying 'Data Successfully Saved'. At this point, you should repeat the process for the other levels of equity that you wish to be displayed (e.g. low, medium low, medium high, high).

			×	
	English	Low		
		I	Ok	
Edit Ed	quity Type			×
Displa	y Name			
Low			(()
Color				
#f42	f2f			
Active				
			Upd	late

Once all equity levels are added, click on the 'Regions to Assign' button on the top left (beside the 'Equity Type' button) and drag the names of the regions that are in each level of equity to the correct category. When finished, click "Save." This will form the basis for all the maps, tables and plots that are generated for each of the FP outcomes of interest.

Equity Type	Regions to Assign						
		Regions to Assign	Low (Active)	Medium Low (Active)	Medium High (Active)	High (Active)	

Next, the administrator needs to assign DHIS2 indicators to the Equity Dashboard. Go to "Analytical Dashboard" > "Equity" to view the indicators currently in the Equity Dashboard.



If you want to add a new indicator to the Equity Dashboard, first check to see if it already exists in FP DataPro. In the Admin panel, click on "Data Mapping" > "Global Settings" > "Global Mapping".

You will see a group of themes at the top.



Click on the theme where the indicator would be located. For example, "Visits"- you see a list of indicators.

	•	
lobal M	lapping	
ā 0	STERILIZATION	
Î O	IUD	
ā ö	IMPLANT	
ā ¢	INJECTABLE	
ā ¢	PILL	
Î 0	CONDOM (M+F)	
0 0	OTHER MODERN METHODS	

Click on the indicator of interested, for example "Emergency Contraception."

The data mapping for the individual indicator will appear, clicking on the indicator name in "Data Mapping" will show the data element name from DHIS2 that is linked to FP DataPro.

Data Mapping		~
↑↓ ◙ ⇔ EC		~
Display Name	EC	
Color	#fcd116	
CYP	0.0833333333333333	
Indicators/Data Elements Mapping		~
 Indicator O Data Element Data Sets Reset Add Data Element 		
Selected Data Elements I05-FP18. Emergency Contraceptive Pills users		

To add EC to the Equity Dashboard, click "Data Mapping" > "Analytical Dashboard" > "Equity".

At the white section of this page, you can see a blue "+ Add" button (make sure to click on the button in the white space, not the gray space in the left-hand navigation tab. A pop up will prompt you to enter a name for the tab- once you do, click "OK".

Click on the newly created EC theme. In "Group" select "Equity Dashboard from the dropdown.



In Map Settings, edit "Heading" to say "EC" then scroll down to "Data Mapping" and select "Emergency Contraception" under the "Visits" section of the list. In "Scales" choose "Region." At the bottom of the section, click "Save."

To add a table, click on "Chart Settings," click "Add." Edit "Heading" to say "EC." Scroll down to "Data Mapping" and select "Emergency Contraception" under the "Visits" section of the list. In "Category", choose "Regional Trend." Then in "Calculation Type" choose either "Annual" or "Monthly." In "Default View," choose "Table." Then click "Save".

If the data element you want is not yet in FP DataPro, add it to FP DataPro following the steps in the FP DataPro Admin manual.

After adding the indicators to the Dashboard, you can rearrange the order using the arrows to the lefthand side of the indicator name.

Finally, it is important to document the choices used to assign regions into their equity groups. Under "Sub-module Summary" write details of what indicators were used to determine rankings, the source of the data, when the decisions were made, and who was involved in the decisions. You can also record the regional breakdowns. Finally, a note that the regions should be updated when new survey data is available would be beneficial in the event of personnel turnover after the initial setting up of the Equity Dashboard.

6. DATA QUALITY REVIEW (DQR) DASHBOARD

6.1. SUMMARY

The Summary provides scores for Completeness & timeliness, Internal Consistency and Correlation. The aggregate score (in this example 3/7) would indicate that 3 categories out of 7 categories satisfy the expected values and therefore marked with a green dot.

S DHIS 2	Ç 🛛 🏭 🗛
← 📊 Data Quality Review	Interactive Analytics Saved Favorites Admin & 🔝 A+ 🌐 🏟
Family Planning Summary Completeness and Timeliness	View Scorecard This data quality review summarizes the current quality of the MCH data (based on the most recent period Dec 2020). This review evaluates the performance of current MCH data against standard data quality metrics : Completeness, Timeliness, and Internal Consistency.
Internal Consistency > Internal Consistency Correlation	0 7 Completeness and Timeliness Internal Consistency Internal Consistency Internal Consistency Correlation
EMU Monthly EMU Annual	Reporting Rate (On Time) - Commodities Client Aggregate - Commodities Client Methods - Commodities Client IUD Implant
Follow us: 👔 💌	Location Period Type Period
	Harmonia × • Monthly × • 2020-12 🖻 Apply

VIEW SCORE CARD

This provides in-depth information of the various parameters on which the score is calculated.

S DHIS :	2					
Family Planning	Scorecard					×
Summary	Period: Dec 2020		Select	1	Re-Generate Scorecard	₿ csv
		6			4 Search	e
	Location	♦ Parent			View More	
	Harmonia	-	3/7	Jun 13, 2023		
	South-Central	Harmonia	4/7	Jun 13, 2023		
	North	Harmonia	3/7	Jun 13, 2023		

Component	Description
I. Location Dropdown	To Select from Country till lower org unit level
2. Regenerate Score card	To generate score card after specific selection of location
3. CSV	To download a copy in CSV format
4. Search	To search a particular org unit
5. Sort Order Arrow	Sequencing
6. View More	To see the detailed view

DATA SIGN OFF

S DHIS 2				
← 📊 Data Quality Review		Inte	eractive Analytics Saved Favorites Admin	A- 🔺 🌐 🗘
Family Planning	DATA SATISFACTION LEVEL LOW D MEDIUM LOW 2 Pick User	MEDIUM MEDIUM HIGH HIGH Count Details 3 Pick Category	 admin admin Family Planning-Completeness and Timeliness-Reporting Rate (On Time) - Commodities Client Q.1) test question 1 english Ans: Yes No Comment (Optional) 	Harmonia, Dec 2020
Internal Consistency > Internal Consistency > Correlation	Admin Admin	Harmonia, Dec 2020		4
EMU Annual	Admin Admin	North, 2020		
Politow us. 👔 🦉	Admin Admin Location North	Period Type Monthly ×	Period 2020-12 📋 Apply	0

Components	Description
I. Current Details	When the user clicks on this icon/hyperlink, it shows the
	number of Users count in each category
2. Pick User	Dropdown to show the users to be selected
3. Pick Category	Dropdown to show the category to be selected

The resultant image appears as follows:

S DHIS 2		5. 🗹 🏢 🗛
← 📑 Data Quality Review	Interactive Analytics	Saved Favorites Admin A- 🔺 🕀 🔅
Family Planning ~	DATA SATISFACTION LEVEL 3 Admin ac Low D MEDIUM MEDIUM MEDIUM FIGH	min Harmonia, Dec 2020 ning-Completeness and Timeliness- ate (On Time) - Commodities Client
Completeness and Timeliness	Count Details Q.1) test qu Completeness and Timeliness Internal Consistency Internal Consi	estion 1 english es 🔘 No
Internal Consistency >	Reporting Reporting Rate (On Rate (Actual) Time) - Approate - Methods -	(Optional)
Internal Consistency > Correlation	Commodities Commodities Commodities Client Client Client Injectable	
EMU Monthly	▲1 ▲1 ▲1 ▲1 ▲0 ▲0 ▲0 3 ▲1 ▲1 ▲1 ▲1 ▲1 ▲1	
EMU Annual		
Follow us: 🕜 💌	1 admin admin × × • Reporting Rate (On Time) · Commodities × Client × •	
	Location Period Type Period North × ▼ Monthly × ▼ 2020-12	

(1) shows the User selected, (2) shows the category selection and (3) shows the count of the users.



7. MAP VISUALIZATIONS DASHBOARD

Components	Description
I. Map/ Chart	To switch between the views
2. Map Layer	To select the geographical representation type