

MultiMatrix

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MultiMatrix is a powerful query tool for organizing and analyzing data for multiple indicators. MultiMatrix works just like **Matrix**, but for more than one indicator. MultiMatrix reports can be saved to a list of reports or as a dashboard.

- **Create a MultiMatrix report**
 - **Indicators**
 - **Display**
 - **Filters**
 - **Save**
- **Create a MultiMatrix dashboard**
- **MultiMatrix for partners**

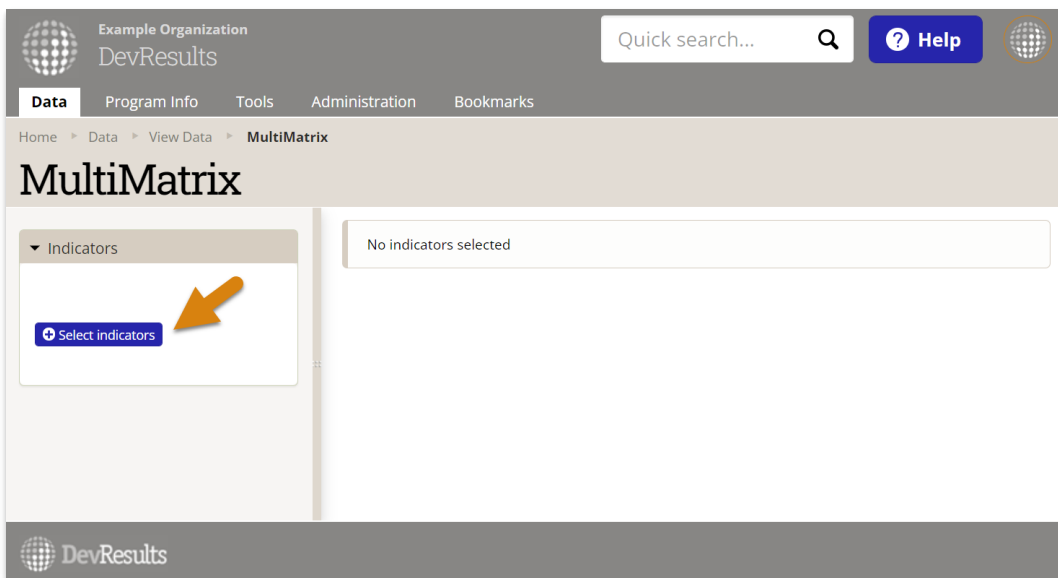
Create a MultiMatrix report

You can find MultiMatrix under the **Data** menu from any DevResults page. Configure the report using the options in the left-hand panel.

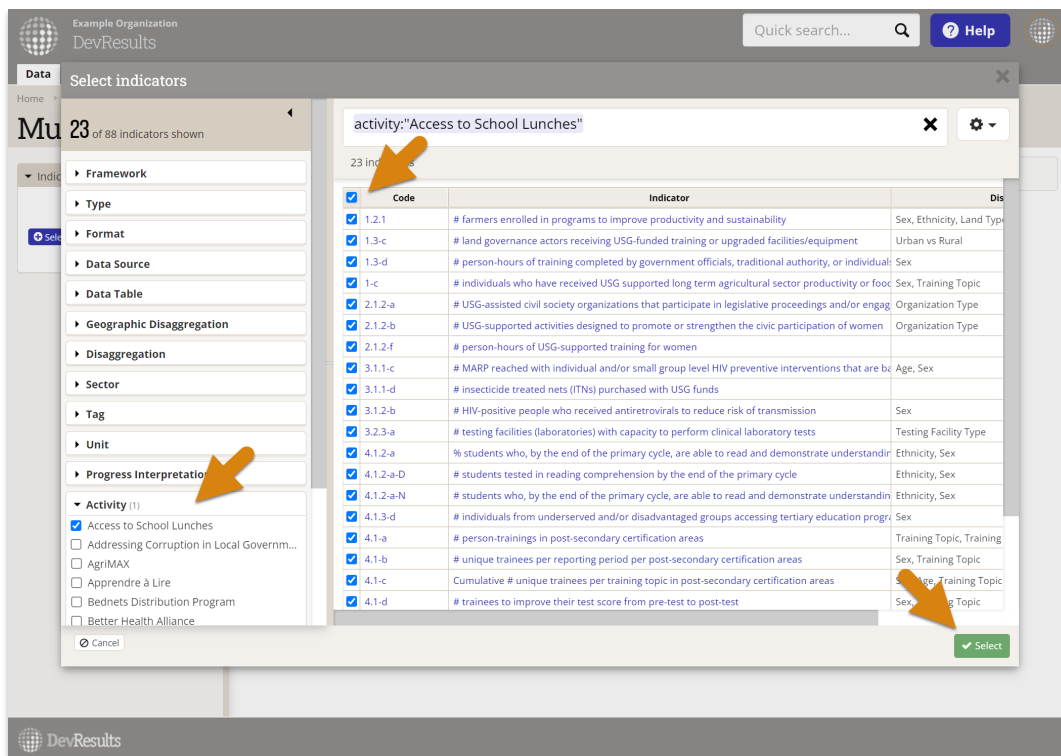
- The **indicators** section lets you select multiple indicators to analyze.
- The **display** section lets you choose how to slice, dice, and analyze your data.
- The **filter** section lets you choose a subset of your data to include.

Select Indicators

First, select the **indicators** you would like to include. Click on **Select Indicators** to choose from the indicator index.



For example, to include indicators for a single activity, scroll to the **Activity section** of the left-hand index panel and select the activity. Then check the box at the top of the checkbox column to include all, and click **Select**. If you want to choose individual indicators, click the boxes next to each indicator.



Warning: Including all indicators for an activity does not automatically filter the indicator results to just that activity. This is only a tool for selecting indicators for the report. By default, all data for those selected indicators will be included in the report. To filter the report to just one activity, next use the **Filters** section of the configuration panel after selecting the indicators.

Display

Next use the **Display** section to decide how to arrange your data.

- **Disaggregations:** First choose how the data should be disaggregated. Arrange the disaggregations as rows/columns using the arrows next to each. Flip all the row/column selections with the arrow square in the top right.
- **Display Values:** Decide which values to show (actuals, targets, calculations for percent of target).
- **Result Type:** Decide whether results should be viewed incrementally or cumulatively.
- **Show:** Pick how to label the indicator(s).
- **Totals:** Choose whether to show/hide each total.

▼ Display

Disaggregations ☰

Fiscal Year ↔ ↓

Reporting period ↔ ↓

Indicator ↔ ↓

Region ↔ ↓

Sex ↔ ↓

Add a field...

Display Values

Actual #

Add a display value...

Result type

Incremental Cumulative

Show

Code and Name Code Name Ref #

Totals

Fiscal Year Show Hide

Reporting period Show Hide

Indicator Show Hide

Region Show Hide

Sex Show Hide

Note: To show all disaggregations in a report where indicators have different disaggregations, select **Disaggregation Category Combinations**.

MultiMatrix Configuration

Display

- Disaggregations
 - Fiscal Year
 - Reporting period
 - Indicator
 - Region
 - Disaggregation Category Combinations

Filters

- Age
- Sex
- Activity
- Partner Organization
- Awarding Organization
- Location
- Prefecture
- Region
- Calendar Year
- Calendar Quarter
- Month
- Reporting period
- Fiscal Year
- Fiscal Year Quarter
- Indicator
- Disaggregation Category Combinations**

Data Table

	2019				2020		
	2019 Q1	2019 Q2	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3
3.1.1-c # MARP reached with individual an...							
Boké							
0-14 (Children), Male	4,509	6,072	9,842	25,962	28,795	20,198	27,265
0-14 (Children), Female	5,561	26,367	2,627	8,718	28,019	17,163	12,311
15-19 (Youth), Male	5,673	16,841	11,483	24,788	19,996	21,214	15,575
15-19 (Youth), Female	3,634	18,898	3,603	13,574	22,683	17,315	4,799
20-24 (Young Adult), Male	3,844	11,539	7,069	7,351	8,285	21,011	14,126
20-24 (Young Adult), Female	3,082	22,143	7,402	8,924	14,969	31,423	21,494
25-64 (Adult), Male	4,388	20,922	9,554	24,627	18,754	19,522	15,767
25-64 (Adult), Female	2,429	14,333	10,382	13,875	28,706	13,264	9,960
65+ (Senior), Male	6,463	20,108	10,294	11,053	4,289	16,741	12,418
65+ (Senior), Female	5,838	6,083	7,186	15,263	23,819	14,431	13,790
Total: Boké	45,421	163,306	79,442	154,135	198,315	192,282	147,505
Kankan							
0-14 (Children), Male	4,810	4,723	13,132	18,355	14,586	21,834	14,666
0-14 (Children), Female	3,312	10,401	9,991	17,671	18,452	18,333	8,743
15-19 (Youth), Male	4,169	8,732	12,279	18,203	16,535	17,670	9,454
15-19 (Youth), Female	5,972	8,641	11,162	15,678	16,907	23,577	8,775
20-24 (Young Adult), Male	2,400	4,449	12,610	9,456	20,302	32,142	8,232
20-24 (Young Adult), Female	4,303	6,897	11,740	14,029	11,359	9,633	3,011
25-64 (Adult), Male	4,071	6,784	5,339	22,165	8,534	22,161	5,144
25-64 (Adult), Female	4,919	2,753	7,386	6,846	21,923	27,618	11,299
65+ (Senior), Male	5,720	2,392	9,299	20,025	13,974	16,878	9,210
65+ (Senior), Female	5,341	7,884	6,902	18,584	14,135	26,067	15,464
Total: Kankan	45,017	63,656	99,840	161,012	156,707	215,913	93,998
Total: 3.1.1-c # MARP reached with individ...	90,438	226,962	179,282	315,147	355,022	408,195	241,503
3.1.2-b # HIV-positive people who received...							
Boké							
Male	4,438	7,732	14,859	24,975	10,428	12,074	19,397
Female	2,194	13,657	7,659	11,847	13,860	13,706	20,430
Total: Boké	6,632	21,389	22,518	36,822	24,288	25,780	39,827
Kankan							
Male	11,381	10,216	7,778	3,152	21,130	22,628	13,698
Female	5,711	7,611	17,448	4,402	14,323	15,026	6,234
Total: Kankan	17,092	17,827	25,226	7,554	35,453	37,654	19,932
Total: 3.1.2-b # HIV-positive people who re...	23,724	39,216	47,744	44,376	59,741	63,434	59,759

Filters

Next use the **Filter** section to include data for only specific activities, organizations, disaggregations, geographies, or reporting periods.

▼ Filters

Activities
1 activity

Activity Statuses
any status

Activity Mechanisms
any mechanism

Activity Sectors
any sector

Activity Tags
any tag

Partner Organizations
any partner organization

Awarding Organization
any awarding organization

User affiliation
any user affiliation

Geography
any location tag

🔍 Search administrative divisions and locations

▼ Guinea

- Boké
- Conakry
- Faranah
- Kankan
- Kindia
- Labé
- Mamou
- Nzérékoré

Reporting Periods

Selection Mode
Fixed reporting period(s)

Reporting Periods

▼ Quarterly

- 2019 Q1
- 2019 Q2
- 2019 Q3
- 2019 Q4
- 2020 Q1
- 2020 Q2
- 2020 Q3
- 2020 Q4

By default, reports include data for all activities for any indicators selected. To show data for just one activity, you must filter the report to include only that activity.

▼ Filters

Activities

1 activity

Select All

Search 🔍

- Access to School Lunches (ASL)
- Addressing Corruption in Local C
- AgriMAX (AgriMAX)
- Apprendre à Lire (AàL)
- Bednets Distribution Program (E
- Better Health Alliance (BHA)

The **User Affiliation** filter narrows results to only the activities that the report *viewer* is affiliated with. For example, if

you filtered a report to "User has bookmarked activity" and then shared it with another user, it would show results for the activities that were bookmarked by the *new* report viewer, not the report creator.

To select individual reporting periods, the **Selection Mode** must be **Fixed reporting period(s)**. If the Selection Mode is set to choose the reporting period automatically, selection of individual periods is disabled.

Save

Save your report by clicking **Save**, giving it a title, and clicking **Save** again. Here you have the option to save it as a report or as a dashboard. To find your saved reports, go to **Data > Saved reports**.

	2019 Q1	2019 Q2
3.1.1-c # MARP reached with individual and/...		
Boké		
0-14 (Children), Male	4,509	6,0
0-14 (Children), Female	5,561	26,3
15-19 (Youth), Male	5,673	16,8
15-19 (Youth), Female	3,634	18,8
20-24 (Young Adult), Male	3,844	11,5
20-24 (Young Adult), Female	3,082	22,1
25-64 (Adult), Male	4,388	20,9

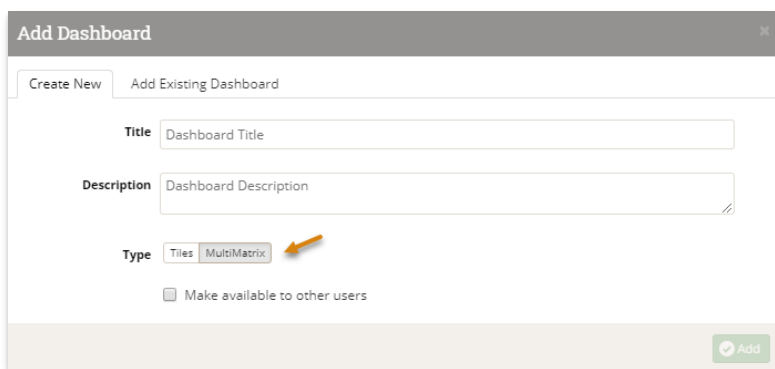
Saving your report gives it a unique URL that you can give to anyone who has access to see that page. URLs saved reports contain ID numbers, like yoursite.devresults.com/en/dash/viewdata/results?savedreportid=2126. A link without an ID will take someone to MultiMatrix, but they won't see your report.

Create a MultiMatrix dashboard

There are two ways to create a MultiMatrix dashboard. One option is to follow the directions above, but choose **Save as dashboard** at the end.

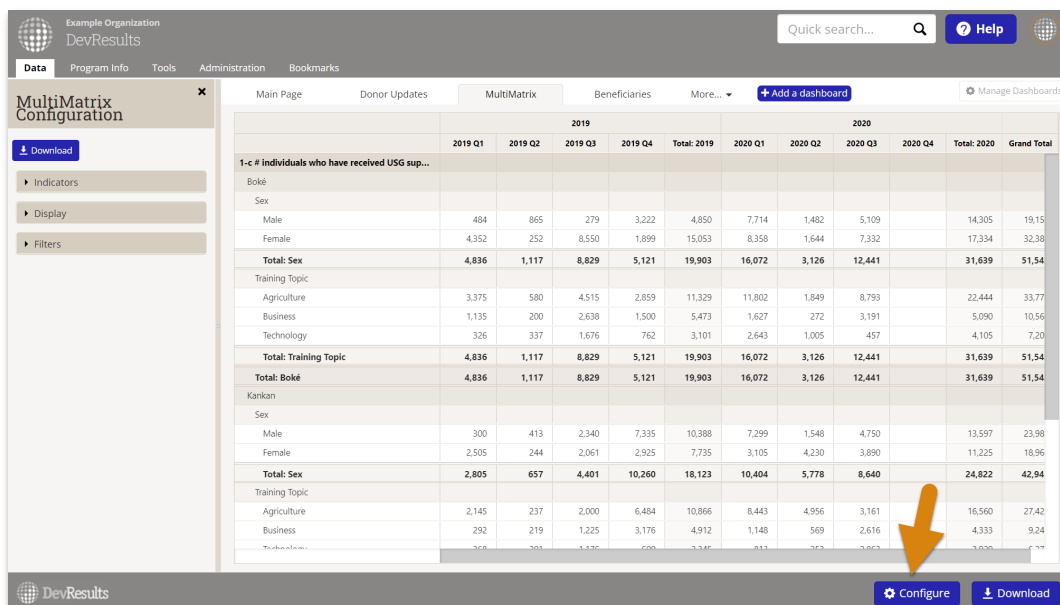
The other is to go to your **Dashboard** and select the **+Add a dashboard** button. Select **MultiMatrix** under **Type**. Give your dashboard a title and an optional description.

As with any dashboard, you can elect to make the MultiMatrix dashboard available to others or private. Owners can choose to **push MultiMatrix dashboards to other users**.



The screenshot shows the 'Add Dashboard' dialog box. It has two tabs: 'Create New' and 'Add Existing Dashboard'. Under 'Create New', there are input fields for 'Title' (containing 'Dashboard Title') and 'Description' (containing 'Dashboard Description'). Below these is a 'Type' dropdown menu with 'Tiles' and 'MultiMatrix' options; an orange arrow points to 'MultiMatrix'. At the bottom, there is a checkbox labeled 'Make available to other users' which is currently unchecked, and a green 'Add' button.

Once you have created the dashboard, you can configure your MultiMatrix report. If you ever want to make changes to your MultiMatrix dashboard, click **Configure** in the bottom corner.



The screenshot shows the 'MultiMatrix Configuration' interface. It features a top navigation bar with 'Data', 'Program Info', 'Tools', 'Administration', and 'Bookmarks'. A search bar and 'Help' button are also present. The main content area displays a table with columns for years (2019 Q1-Q4, Total 2019, 2020 Q1-Q4, Total 2020, Grand Total) and rows for various categories. An orange arrow points to the 'Configure' button in the bottom right corner.

	2019					2020					Total: 2020	Grand Total
	2019 Q1	2019 Q2	2019 Q3	2019 Q4	Total: 2019	2020 Q1	2020 Q2	2020 Q3	2020 Q4			
1-c # Individuals who have received USG sup...												
Boké												
Sex												
Male	484	865	279	3,222	4,850	7,714	1,482	5,109		14,305	19,15	
Female	4,352	252	8,550	1,899	15,053	8,358	1,644	7,332		17,334	32,38	
Total: Sex	4,836	1,117	8,829	5,121	19,903	16,072	3,126	12,441		31,639	51,54	
Training Topic												
Agriculture	3,375	580	4,515	2,859	11,329	11,802	1,849	8,793		22,444	33,77	
Business	1,135	200	2,638	1,500	5,473	1,627	272	3,191		5,090	10,56	
Technology	326	337	1,676	762	3,101	2,643	1,005	457		4,105	7,20	
Total: Training Topic	4,836	1,117	8,829	5,121	19,903	16,072	3,126	12,441		31,639	51,54	
Total: Boké	4,836	1,117	8,829	5,121	19,903	16,072	3,126	12,441		31,639	51,54	
Kankan												
Sex												
Male	300	413	2,340	7,335	10,388	7,299	1,548	4,750		13,597	23,98	
Female	2,505	244	2,061	2,925	7,735	3,105	4,230	3,890		11,225	18,96	
Total: Sex	2,805	657	4,401	10,260	18,123	10,404	5,778	8,640		24,822	42,94	
Training Topic												
Agriculture	2,145	237	2,000	6,484	10,866	8,443	4,956	3,161		16,560	27,42	
Business	292	219	1,225	3,176	4,912	1,148	569	2,616		4,333	9,24	
Technology	368	201	1,176	600	3,345	813	353	3,663		7,300	11,77	

MultiMatrix for partners

Check out our quick how-to page for **partners**.

Partner users can use MultiMatrix to assemble reports and view their data. Partner users can create MultiMatrix dashboards, and owners can push MultiMatrix dashboards to users. For partners, all indicator data and program information is automatically filtered to just what the user has access to. There's no way for a partner to see data that doesn't belong to them, *even if someone pushes a dashboard to them that has other projects' data*. We filter it out automatically!

Partner users can also follow the same instructions in the **dashboard section** and use all the same configuration

options in the **create a MultiMatrix report section**.

Didn't answer your question? Please email us at help@devresults.com.

Related Articles
