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
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 - Save
- Create a MultiMatrix dashboard
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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.

Example Organization DevResults	Quick search	Q 🥐 Help
Data Program Info Tools Administration Bookmarks		
Home ▹ Data ▷ View Data ▷ MultiMatrix		
MultiMatrix		
✓ Indicators ✓ Indicators ✓ Select indicators		
DevResults		

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.

23 of 88 indicators shown	activity:"Acc	ess to School Lunches"	x • •
Framework	23 inc 8		
▶ Type	Code	Indicator	Dis
5 France 6	1.2.1	# farmers enrolled in programs to improve productivity and sustainability	Sex, Ethnicity, Land Type
Format	🗹 1.3-c	# land governance actors receiving USG-funded training or upgraded facilities/equipment	Urban vs Rural
Data Source	🗹 1.3-d	# person-hours of training completed by government officials, traditional authority, or individual	Sex
Data Table	🗹 1-c	# individuals who have received USG supported long term agricultural sector productivity or food	Sex, Training Topic
	Z.1.2-a	# USG-assisted civil society organizations that participate in legislative proceedings and/or engag	Organization Type
Geographic Disaggregation	Z.1.2-b	# USG-supported activities designed to promote or strengthen the civic participation of women	Organization Type
Disaggregation	2.1.2-f	# person-hours of USG-supported training for women	
	🧮 🗹 3.1.1-c	# MARP reached with individual and/or small group level HIV preventive interventions that are ba	Age, Sex
Sector	🗹 3.1.1-d	# insecticide treated nets (ITNs) purchased with USG funds	
▶ Tag	🗹 3.1.2-b	# HIV-positive people who received antiretrovirals to reduce risk of transmission	Sex
	✓ 3.2.3-a	# testing facilities (laboratories) with capacity to perform clinical laboratory tests	Testing Facility Type
• Unit	🗹 4.1.2-a	% students who, by the end of the primary cycle, are able to read and demonstrate understandin	Ethnicity, Sex
Progress Interpretatio	🗹 4.1.2-a-D	# students tested in reading comprehension by the end of the primary cycle	Ethnicity, Sex
- Anthony (🗹 4.1.2-a-N	# students who, by the end of the primary cycle, are able to read and demonstrate understandin	Ethnicity, Sex
Activity (1) Access to School Lunches	🗹 4.1.3-d	# individuals from underserved and/or disadvantaged groups accessing tertiary education progra	Sex
Addressing Corruption in Local Governm	🗹 4.1-a	# person-trainings in post-secondary certification areas	Training Topic, Training
AgriMAX	🗹 4.1-b	# unique trainees per reporting period per post-secondary certification areas	Sex, Training Topic
Apprendre à Lire	✓ 4.1-c	Cumulative # unique trainees per training topic in post-secondary certification areas	ge, Training Topic
Bednets Distribution Program	✓ 4.1-d	# trainees to improve their test score from pre-test to post-test	Sex, g Topic
Better Health Alliance			
Ø Cancel			✓ Select

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		Ę
≡ Fiscal Year	▼ →	1
■ Reporting period	▼ →	ļ
≡ Indicator	▼ →	l
≡ Region	▼ →	l
≡ Sex	▼ →	Ţ
Add a field	•	
Display Values		
≡ Actual #		•
Add a display value		▼
Result type		
Incremental	Cumula	ative
Show		
Code and Name Code Nam	me 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** .

YultiMatrix Configuration	Main Page Donor Updates	More.	. • 🚹	Add a dash	board		🌣 Manage	Dashboard
-			20	19			2020	
, Download		2019 Q1	2019 Q2	2019 Q3	2019 Q4	2020 Q1	2020 Q2	2020 Q3
Indicators	3.1.1-c # MARP reached with individual an							
	Boké							
• Display	0-14 (Children), Male	4,509	6,072	9,842	25,962	28,795	20,198	27,265
Disaggregations 📫	0-14 (Children), Female	5,561	26,367	2,627	8,718	28,019	17,163	12,311
E Fiscal Year	15-19 (Youth), Male	5,673	16,841	11,483	24,788	19,996	21,214	15,575
■ Reporting period ■ Rows ↓ Columns	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
E Indicator	20-24 (Young Adult), Female	3,082	22,143	7,402	8,924	14,969	31,423	21,494
≡ Region ▼ → Rows ↓ Columns	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
Disaggregation Category Combinations Rows Columns	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
Age	Total: Boké	45,421	163,306	79,442	154,135	198,315	192,282	147,505
Sex	Kankan							
Activity	0-14 (Children), Male	4,810	4,723		18,355 17,671	14,586 18,452		8,743
Partner Organization	0-14 (Children), Female	3,312	10,401					
Awarding Organization	" 15-19 (Youth), Male	4,169	8,732	12,279	18,203	16,535	17,670	9,454
Location	15-19 (Youth), Female	5,972	8,641	11,162	15,678	16,907	23,577	8,775
Prefecture	20-24 (Young Adult), Male	2,400	4,449	12,610	9,456	20,302	32,142	8,232
Region	20-24 (Young Adult), Female	4,303	6,897	11,740	14,029	11,359	9,633	3,011
Calendar Year	25-64 (Adult), Male	4,071	6,784	5,339	22,165	8,534	22,161	5,144
Calendar Quarter	25-64 (Adult), Female	4,919	2,753	7,386	6,846	21,923	27,618	11,299
Month	65+ (Senior), Male	5,720	2,392	9,299	20,025	13,974	16,878	9,210
Reporting period	65+ (Senior), Female	5,341	7,884	6,902	18,584	14,135	26,067	15,464
Fiscal Year	Total: Kankan	45,017	63,656	99,840	161,012	156,707	215,913	93,998
Fiscal Year Quarter	Total: 3.1.1-c # MARP reached with individ	90,438	226,962	179,282	315,147	355,022	408,195	241,503
Indicator	3.1.2-b # HIV-positive people who received							
 Disaggregation Category Combinations 	Boké							
Add a field	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
Display Values	Total: Boké	6,632	21,389	22,518	36,822	24,288	25,780	39,827
E Actual #	Kankan	0,032	21,565	22,510	50,022	24,230	25,730	55,027
Add a display value	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
Result type Incremental Cumulative	Total: Kankan	17.092	17.827	25.226	7,554	35,453	37.654	19.932
Show	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
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
-
Q Search administrative divisions and locations
🕶 🗖 Guinea
▼ Guinea ▶ Ø Boké
🕶 🗖 Guinea
 ✓ Guinea ✓ Boké Conakry Faranah ✓ Kankan
 ✓ Guinea ✓ Boké Conakry Faranah ✓ Kankan Kindia
 ✓ Guinea ▶ Ø Boké ▶ Conakry ▶ Faranah ♥ Kankan ▶ Kindia ▶ Labé
 ✓ Guinea ✓ Boké Conakry Faranah ✓ Kankan Kindia Labé Mamou
 ✓ □ Guinea ▶ Ø Boké ▶ Conakry ▶ Faranah ♥ Kankan ▶ Kindia ▶ Labé
 ✓ Guinea ✓ Boké Conakry Faranah ✓ Kankan Kindia Labé Mamou
Guinea Guinea Guinea Guinea Guinea Conakry Faranah Kankan Kindia Labé Mamou Nzérékoré Reporting Periods Selection Mode
 ▼ Guinea ♥ Boké ♦ Conakry ♦ Faranah ♥ Kankan ♦ Kindia ♦ Labé ♦ Mamou ♦ Nzérékoré
Guinea Guinea Guinea Guakry Grakry Faranah Kankan Kindia Labé Mamou Nzérékoré Reporting Periods Selection Mode
Guinea Guinea Guinea Guinea Conakry Faranah Kankan Kindia Labé Mamou Nzérékoré Reporting Periods Selection Mode Fixed reporting period(s) Reporting Periods Reporting Periods Quarterly
Guinea Guinea Guinea Guinea Conakry Faranah Kankan Kindia Labé Mamou Nzérékoré Reporting Periods Selection Mode Fixed reporting period(s) Reporting Periods Reporting Periods Selection Mode Fixed reporting period(s) Reporting Periods 2019 Q1
Guinea Guinea Guinea Guinea Conakry Faranah Kankan Kindia Labé Mamou Nzérékoré Reporting Periods Selection Mode Fixed reporting period(s) Reporting Periods Reporting Periods 2019 Q1 2019 Q1 2019 Q2
▼ Guinea ▶ Boké ▶ Conakry ▶ Faranah ▶ Kankan ▶ Kindia ▶ Labé ▶ Mamou ▶ Nzérékoré Reporting Periods Selection Mode Fixed reporting period(s) ▼ Quarterly □ 2019 Q1 □ 2019 Q2 □ 2019 Q3
Guinea Guinea Guinea Guinea Conakry Faranah Kankan Kindia Labé Mamou Nzérékoré Reporting Periods Selection Mode Fixed reporting period(s) Reporting Periods Reporting Periods 2019 Q1 2019 Q1 2019 Q2
▼ Guinea ▶ Boké ▶ Conakry ▶ Faranah ▶ Kankan ▶ Kindia ▶ Labé ▶ Mamou ▶ Nzérékoré Reporting Periods Selection Mode Fixed reporting period(s) ▼ Quarterly 2019 Q1 2019 Q2 2019 Q3 2019 Q4 2020 Q1 2020 Q2
▼ Guinea ▶ Boké ▶ Conakry ▶ Faranah ▶ Kankan ▶ Kindia ▶ Labé ▶ Mamou ▶ Nzérékoré Reporting Periods Selection Mode Fixed reporting period(s) ▼ Quarterly 2019 Q1 2019 Q2 2019 Q3 2019 Q4 ✓ 2020 Q1

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	٩
Access to School Lunches (A Addressing Corruption in Lo AgriMAX (AgriMAX) Apprendre à Lire (AàL) Bednets Distribution Progra Batter Health Alliapeo (BHA)	cal (

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.

User affiliation
Select All
Search Q
User has bookmarked activity
User is assigned to activity
User is assigned to awarding organization
User is assigned to partner organization

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**.

Example Organization			
Data Program Info Tools			
Home ▹ Data ▷ View Data ▷ Multil	Matrix		
MultiMatrix			
🛓 Download 📑 Save 💼 Delete		2019 Q1	2019 Q2
Indicators	3.1.1-c # MARP reached with individual and/		
	Boké		
 Display 	0-14 (Children), Male	4,509	б,
	0-14 (Children), Female	5,561	26,
 Filters 	15-19 (Youth), Male	5,673	16,
	15-19 (Youth), Female	3,634	18,
	20-24 (Young Adult), Male	3,844	11,
	20-24 (Young Adult), Female	3,082	22,
	25-64 (Adult), Male	4,388	20,

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** .

Add Dashb	oard		×
Create New	Add	Existing Dashboard	
	Title	Dashboard Title	
Desc	ription	Dashboard Description	11
	Туре	Tiles MultiMatrix	
		Make available to other users	
			Add 🛇

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.

IulțiMatrix ×	Main Page Donor Updates	Mu	ultiMatrix	Ber	neficiaries	More	• + A	dd a dashboa	ard		Mana	ge Dashboa
onfiguration				2019					2020			
Download		2019 Q1	2019 Q2	2019 Q3	2019 Q4	Total: 2019	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Total: 2020	Grand Tota
	1-c # individuals who have received USG sup											
Indicators	Boké											
Diselas	Sex											
Display	Male	484	865	279	3,222	4,850	7,714	1,482	5,109		14,305	19,15
Filters	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
	Tashnalamı	260	201	1.170	c 00	3.245	013	252	2.062		2,020	C 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 athelp@devresults.com.

Related Articles