

Data Table Indicator Filters

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Indicators populated **from a data table** provide the option to filter a data table to include only the rows of data relevant to your indicator calculation. You might not need any filters, or you might need one or more filters depending on your data table and your indicator.

Each filter should should express a true statement about the data that you want to include in your calculation. You can create a filter based on any field from a data table, though it is not advisable to use "Other Text" fields as spelling errors, typos, or bounding quotation marks (" ") will yield unexpected results. Filters can use one of four operators: = (equal-to), ≠ (not equal-to), has a value (not null), or has no value (null).

In the example below, instead of counting all trainees, the indicator is counting only a specific set of trainees:

- Those who are female,
- *and* where the training type was filled out,
- *and* the training topic was "Technology",
- *and* the trainee improved more than 10 percentage points.

Any rows of data (*i.e.* any trainee that doesn't meet all of that criteria) would be excluded from the count. (To count all trainees, remove all the filters.)

Example Organization
DevResults

Dashboard Activities **Results** Calendar Documents Photos Administration

Home > Results > Indicators > # trainees

EG.001 # trainees

Definition Targets & Data Reports Forms Documents

Data Source

Data Source Enter indicator results directly
 Calculate from a formula
 Populate from a data table

Data Table Training Table

Calculation Count All

Geography Column Location
 Data will be associated with places from this column.

Date Column Date
 Data will be associated with dates from this column.

Filters

Sex	=	Female	<input type="button" value=""/>
and Training Type	has a value		<input type="button" value=""/>
and Training Topic	=	Technology	<input type="button" value=""/>
and Points Improved	>	10 %	<input type="button" value=""/>

Troubleshooting

A common error arises when using multiple indicator filters on the same data table column. For example, if you want to create an indicator that counted rows where the service type is "nutrition" or "health", you might include two filters:

- Service Type = Nutrition
- Service Type = Health

Example Organization
DevResults

Dashboard Activities **Results** Calendar Documents Photos Administration

Home > Results > Indicators > # eligible clients who received nutrition or health services

3.1.2-c # eligible clients who received nutrition or health services

Definition Targets & Data Reports Forms Documents

Data Source

Data Source Enter indicator results directly
 Calculate from a formula
 Populate from a data table

Data Table: Beneficiaries
[View Table Data](#)

Calculation: Count All

Geography Column: Location
Data will be associated with places from this column.

Date Column: Date
Data will be associated with dates from this column.

Filters

Service Type	=	Nutrition	🗑️
and			
Service Type	=	Health	🗑️

⚠️ These filters exclude all data because it is impossible for all filters to be true for a single row of the data table. Please re-write the filters such that a row of data could meet all filter requirements.

Reference

Name

Code

Reference #

Active?

Definition

Indicator definiti

Classification

Results Framework

Sector(s)

The problem is that **no rows** could have **both** nutrition and health for the service type **at the same time**. Any individual row could only have either nutrition or health as the service type, but not both. Since all of the filters must be true for a row in order to count that row toward the indicator result, this configuration would give you zero results.

How do you fix it? Look at the disaggregation categories for this disaggregation.

Disaggregation by Service Type

Details

Name: Service Type

Description: *Disaggregation definition.*

Disaggregation categories	Category	Description	
\$	Nutrition		⚠️
\$	Education		
\$	Health		
\$	Finance		
	<i>Click to add...</i>		

The indicator needs to count rows where the service type is equal to two of these categories, which is the same as **not equal** to the other two categories. Instead of filtering using the categories you want to include, filter out the categories that you need to exclude:

Example Organization
DevResults

Dashboard Activities **Results** Calendar Documents Photos Administration

Home > Results > Indicators > # eligible clients who received nutrition or health services

3.1.2-c # eligible clients who received nutrition or health services

Definition Targets & Data Reports Forms Documents

Data Source Reference

Data Source Enter indicator results directly
 Calculate from a formula
 Populate from a data table

Data Table Beneficiaries
View Table Data

Calculation Count All

Geography Column Location
Data will be associated with places from this column.

Date Column Date
Data will be associated with dates from this column.

Filters

Service Type ≠ Finance

and Service Type ≠ Education

Add filter

Definition
Indicator definit

Classification
Results Framework

Both of these filters can be true for a single row of data *at the same time*. This configuration will give you the intended results: a count of clients who received nutrition or health services.

Note: any rows missing data in a column relevant to the indicator definition (such as the date, geography, or a disaggregation) will be ignored when indicator results are calculated.

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