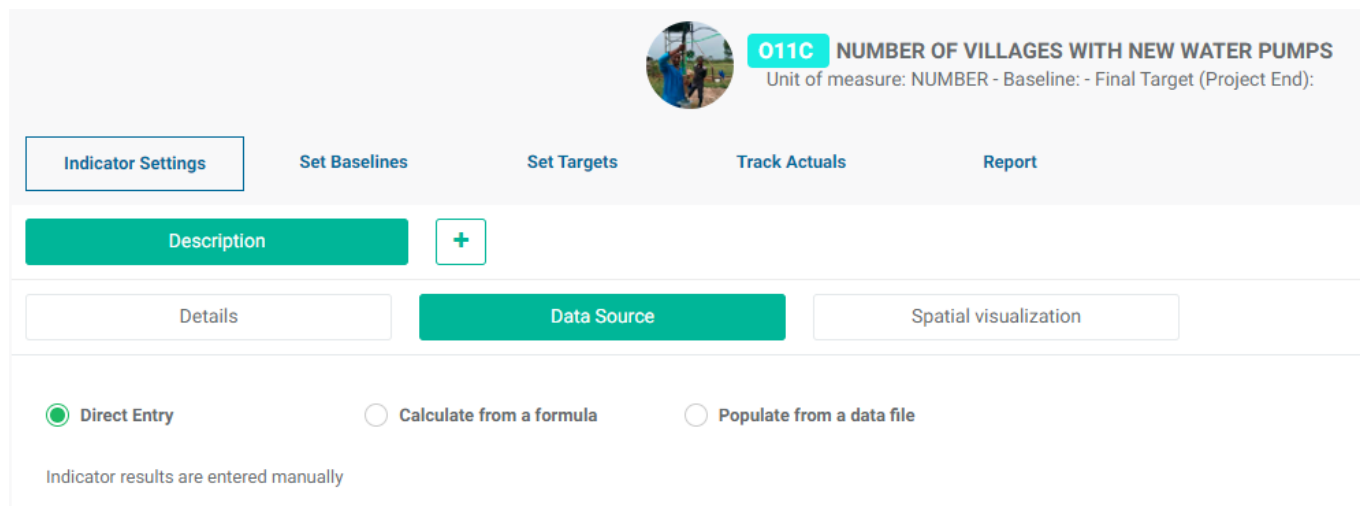


Indicators (KPIs)

Indicators: Creating Indicators: Data Source

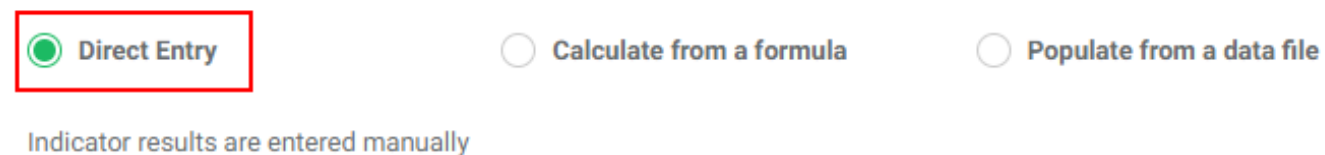
Once you have completed the [Details](#) screen of your indicator, you can save the indicator and return to it later, or you can finish entering parameters for the indicator. The second screen is **Data Source**.

Click the Data Source tab in the Indicator Settings > Description screen to specify how data for the indicator will be input.



The screenshot shows the 'Data Source' tab selected in the indicator settings. At the top, there is a header with a circular profile picture, the indicator ID '011C', the name 'NUMBER OF VILLAGES WITH NEW WATER PUMPS', and the unit of measure 'NUMBER - Baseline: - Final Target (Project End)'. Below this is a navigation bar with tabs: 'Indicator Settings', 'Set Baselines', 'Set Targets', 'Track Actuals', and 'Report'. The 'Description' tab is currently active, showing a '+ ' button. Below the navigation bar, there are three tabs: 'Details', 'Data Source' (which is highlighted in green), and 'Spatial visualization'. Under the 'Data Source' tab, there are three radio button options: 'Direct Entry' (which is selected and has a green circle next to it), 'Calculate from a formula', and 'Populate from a data file'. Below these options, it says 'Indicator results are entered manually'.

The default option is **Direct Entry**, which is self-explanatory. Data for the indicator will be populated manually for each location and time period. In practical terms, indicator data (actuals) will be entered manually in the indicator's [Track Actuals](#) screen.



This is a close-up of the 'Direct Entry' radio button option. The radio button is selected, indicated by a green circle. The text 'Direct Entry' is next to it. To the right, there are two other radio button options: 'Calculate from a formula' and 'Populate from a data file', both of which are unselected. Below the radio buttons, it says 'Indicator results are entered manually'.

The **Calculate from a Formula** option allows you to enter a formula based on any indicators in the project. Use the calculator to create the appropriate formula for the indicator. You can perform simple maths on an indicator, or create complex indicators based on other indicators.

Indicators (KPIs)

DELTA Water and Sanitation Project

011C NUMBER OF VILLAGES WITH NEW WATER PUMPS
Unit of measure: NUMBER - Baseline: - Final Target (Project End):

Indicator Settings Set Baselines Set Targets Track Actuals Report

Description +

Details Data Source Spatial visualization

☐ Direct Entry ☒ Calculate from a formula ☐ Populate from a data file

Clear < / X List of Indicators

7 8 9 -

4 5 6 +

2 3 ()

1 0 . ENTER

☐ All the indicators of the formula are mandatory

OK

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The syntax for formulas follows regular rules of arithmetic. For example, `INDICATOR*DATAFIELD/100` will be parsed as written, whereas `INDICATOR*(DATAFIELD/100)` will be evaluated using the contents of the parentheses first.

Check All the Indicators in the Formula are mandatory box to force the calculation to take all the indicators in the formula into account regardless of their value. This ensures that if the calculation results in a null or zero value, it's the actual result of the calculation, and not because one or more indicator has a value of zero.

The third option, **Populate from a Data File**, allows the indicator data to be populated via a data collection form analytics report.

DELTA Water and Sanitation Project

011C NUMBER OF VILLAGES WITH NEW WATER PUMPS
Unit of measure: NUMBER - Baseline: - Final Target (Project End):

Indicator Settings Set Baselines Set Targets Track Actuals Report

Description +

Details Data Source Spatial visualization

☐ Direct Entry ☐ Calculate from a formula ☒ Populate from a data file

Data File *
Project Beneficiaries

Calculation *
Count all

Geography *
Select an Option

Period *
Select an Option

Query *
None

OK

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IMPORTANT: This option assumes the existence of:

- at least one data collection form in the project's Data Collection module. The **Data File** field is populated from the list of forms.
- at least one field of type **Date** in the selected data collection form. The Date fields in the

Page 2 / 3

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Indicators (KPIs)

form populate the **Period** field. This is usually a date field containing the date of collection.

- at least one field containing **geography information** in the selected data collection form, either a GPS field (Coordinates and/or Path) or a List field with the Locations preset selected in its parameters.
- at least one analytics report derived from the selected data collection form after it has been populated with data. The analytics reports in the Data Collection module populate the **Query** field in the Data Source screen for each specific data collection form.

Data collection form design is described in detail in [Data Collection: Form Design](#).

You can click OK to save your work and return to the Indicators page, or you can set up spatial visualization parameters in the next screen.

Previous: [Indicators: Creating Indicators: Details](#) | Next: [Indicators: Creating Indicators: Spatial Visualization](#)

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