

Activity: Configuring your first indicator

In this activity, you will configure the indicator: *Your initials_RMNCAH - ANC 4th visit coverage (%)*.

Instructions

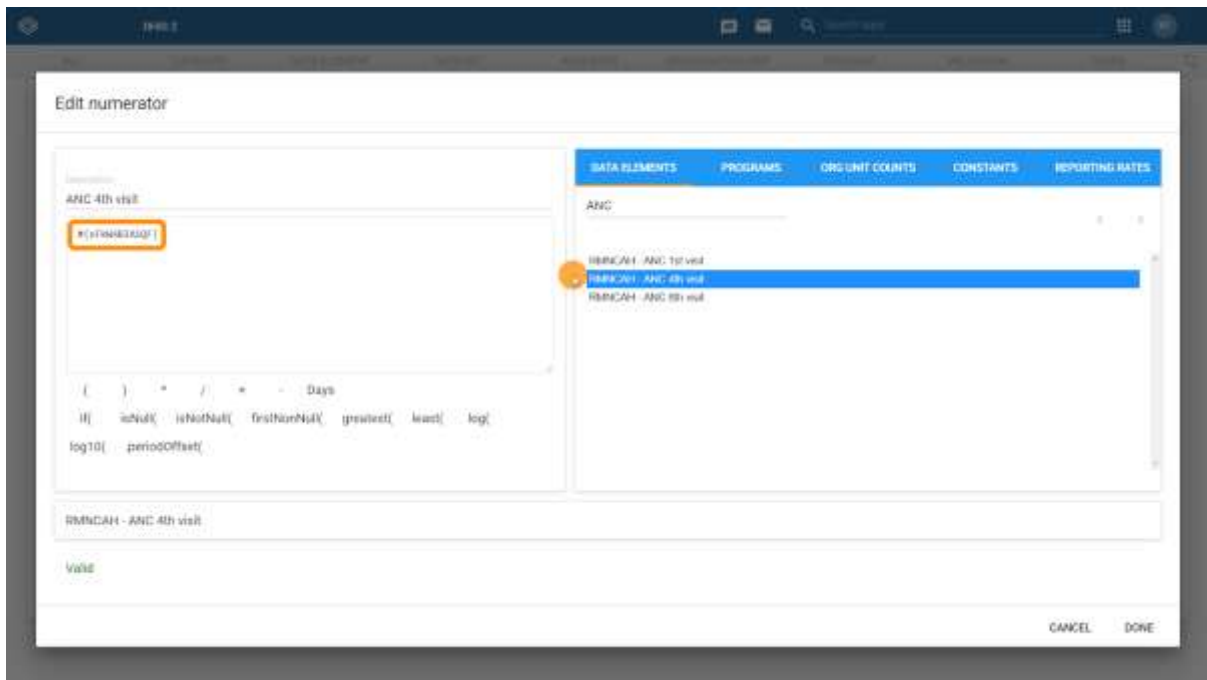
Create the indicator *Your initials_RMNCAH - ANC 4th visit coverage (%)*: Fill in the configurable fields

Note: As with other types of metadata, when creating indicators, use your initials_ in the name in order to identify which indicator you have created. All metadata in the system require unique names and since there are other users creating the same indicators, adding initials will ensure that you will be able to save your indicator. For example, if you want to create an indicator "Malaria cases total" and your name starts with 'S', your middle name with 'N', and last name with 'D' it will be called "SND_MAL - Malaria cases total". If you don't have a middle name, you can use the first two letters of your family name instead.

1. Sign in to your account in **DHIS2 Indicators Practice**
2. Open the **Maintenance application**
3. Select **indicators tab** and navigate to the **indicators management page**
4. To create a new indicator click on the **blue plus (+) sign** on the bottom right
5. Fill in the fields:
 - a. **Name:** *Your initials_RMNCAH - ANC 4th visit coverage (%)*
 - b. **Short name:** *ANC 4th visit coverage (%)*
 - c. **Description:** Numerator: ANC 4th visit. Denominator: Expected pregnant women. Calculates the percentage of pregnant women who attended any facility for their 4th ANC visit as a proportion of the expected number of pregnant women within the period selected
 - d. Select the **annualized checkbox**
 - e. **Indicator type:** 100

Edit numerator

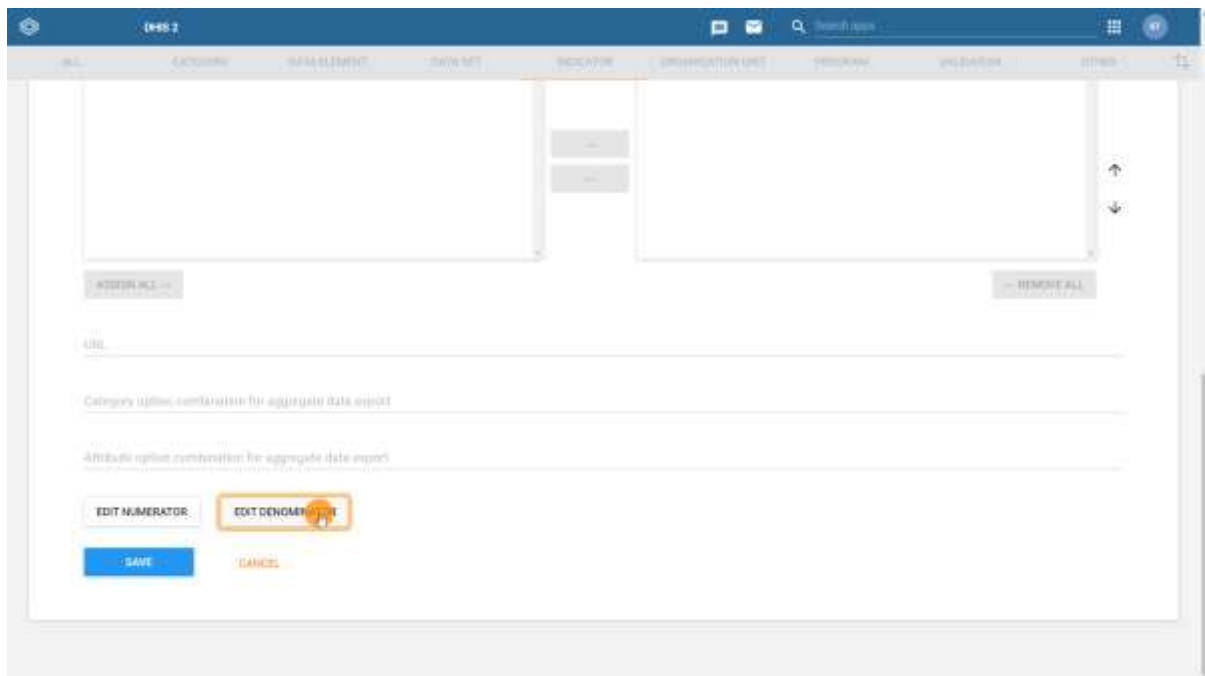
1. Open the configuration dialogue by clicking "Edit numerator"
2. In the description field, write "ANC 4th visit"
3. On the right-hand side, ensure the data elements tab is selected. In the "Search names" field, search for the data element "**ANC 4th visit**"
4. Double click on the data element to add it to the formula builder box
5. At the bottom of the configuration dialogue, confirm that the formula is correct and the system gives a "**Valid**" response to the formula



6. Click **“Done”** in the bottom right corner

Edit denominator

1. Open the configuration dialogue by clicking **“Edit denominator”**



2. **Description:** Expected pregnancies (population data)
3. On the right-hand side, ensure the data elements tab is selected. In the **“Search names”** field, search for the data element **“Population expected pregnant women”**
4. Double click on the data element to add it to the formula builder box

- At the bottom of the configuration dialogue, confirm that the formula is correct and the system gives a **“Valid”** response to the formula

The screenshot shows a software interface for configuring a denominator. The title bar reads "Edit denominator". The main area is divided into two panes. The left pane, titled "Expected pregnancies", contains a text input field with the formula `if(weekstart=1)`. Below this is a toolbar with mathematical operators: `(`, `)`, `*`, `/`, `+`, `-`, `Days`, `if()`, `isNotNull()`, `firstNonNull()`, `percent()`, `least()`, and `log()`. Below the toolbar is a list of functions: `log10()` and `periodOffset()`. The right pane, titled "Expect:", contains a list of data elements. The first element, "GEN - Population expected pregnant women", is highlighted. Below it are three other elements: "GEN - Population expected pregnant women 10-14 Years", "GEN - Population expected pregnant women 15-19 Years", and "GEN - Population expected pregnant women 20+ Years". At the bottom of the dialog, there is a text input field containing the formula `GEN - Population expected pregnant women`. Below this field is a button labeled "Valid". At the bottom right of the dialog are two buttons: "CANCEL" and "DONE".

- Click **“Done”**
- Click **“Save”** to save the indicator