

# Activity: Configuring your first indicator

## Overview

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

## Instructions

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

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:** 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

The screenshot shows the 'Edit numerator' configuration window in DHIS2. On the left, the 'Description' field is 'ANC 4th visit' and the formula field contains the expression '#{sFkMAB1A1Qf}'. Below the formula field is a toolbar with various mathematical operators and functions. On the right, a list of data elements is displayed under the 'DATA ELEMENTS' tab. The list includes 'ANC', 'RMNCAH - ANC 1st visit', 'RMNCAH - ANC 4th visit' (which is highlighted in blue), and 'RMNCAH - ANC 8th visit'. At the bottom of the window, the status 'Valid' is shown in green, and there are 'CANCEL' and 'DONE' buttons.

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

## Edit denominator

1. Open the configuration dialogue by clicking **“Edit denominator”**
2. In the description field, put **“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
5. 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 the 'Edit denominator' window in DHIS2. The window has a dark blue header with the DHIS2 logo and navigation tabs: ALL, CATEGORY, DATA ELEMENT, DATA SET, INDICATOR, ORGANISATION UNIT, PROGRAM, VALIDATION, and OTHER. The main content area is divided into two panels. The left panel has a 'Description' field containing 'Expected pregnancies' and a formula field containing '#(M8B6R%6AHV)'. Below the formula field is a row of operators: (, ), \*, /, +, -, Days, if(, isNull(, isNotNull(, firstNonNull(, greatest(, least(, log(, log10(, and .periodOffset(. The right panel has a tabbed interface with 'DATA ELEMENTS' selected. It shows a list of data elements: 'GEN - Population expected pregnant women', 'GEN - Population expected pregnant women 10-14 Years', 'GEN - Population expected pregnant women 15-19 Years', and 'GEN - Population expected pregnant women 20+ Years'. The first element is selected. At the bottom of the window, there is a 'Valid' button and 'CANCEL' and 'DONE' buttons.

6. Click **“Done”**

7. Click **“Save”** to save the indicator