Ratio Indicators

For scenarios with UNICEF AND High Frequency indicators

PMP

The Programme Officer sets the ratio indicator in PMP

> Example:
>
> Number of Consultation per doctor in a health center
>
> Target: $\dfrac{100 \; Consultations}{1 \; Doctor}$

PMP Requirement: for all ratio indicators in PMP and PRP-Cluster, when setting a target, the default option for denominator is 1, but the value is editable.
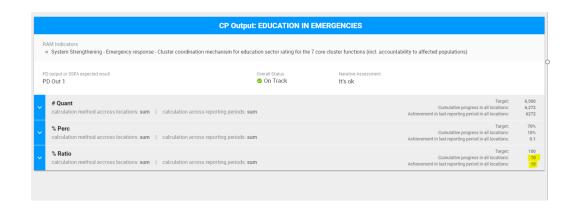
PRP

The Partner enters data in any way they have them. The PRP system will display the totals, by setting the numbers to the common denominator, e.g.

> Period 1 - Partner Enters data for locations L1 and L2 – in the L1 clinic there are 3 doctors and there are 5 doctors in L2.
>
> L1(p1):　　L2(p1):　　　Total Calculated By PRP:　　Progress of Indicator:
>
> $\dfrac{60}{3}$　　　$\dfrac{112}{5}$　　　$\dfrac{60+112=\ 172}{3+5=8}=\dfrac{21.5}{1}$　　　21.5 : 1

PRP Requirement: The calculation on the "enter data" modal remains the same. For "Cumulative Progress in all locations", PRP brings the data entered by the user to a common denominator. The denominator is fixed to the value defined in the target. The nominator is rounded to two decimal places. The display should use a colon to display the denominator.

PMP Requirement: The user of PMP does not have the option to change the denominator in Active status. Once the PD/SSFA is active, the denominator is fixed and cannot be changed even with amendment.

Totals across reporting periods work like this

Partner Enters data for locations period 2.

L1(p2):   L2(p2):   Cumulative Progress in all locations in P2:

$$\frac{77}{5} \qquad \frac{85}{2} \qquad\qquad \frac{77+85=162}{5+7=7} \; = \; \frac{23.14}{1}$$

PRP Requirement: For ratio indicators only – the "Cumulative progress in all locations" should display the latest available figure rather than sum of the ratios across periods (the display should show 23.14: 1). In the field "achievement in the last reporting period" – the total for the previous reporting period should show (i.e. in our example, it would be 21.5 : 1). The "Calculation method across reporting period" should be "Latest".

For scenarios with Cluster Indicators

PMP

UNICEF Officer adopts a cluster indicator.

PMP Requirement: for cluster indicators, the denominator as set by the IMO will show as the default in PMP and the PMP user will not be able to change the denominator.

The calculations in PRP are the same as described above.

PRP – Cluster Indicators

IMO sets the targets for ratio indicators

Requirement: for all ratio indicators in PMP and PRP-Cluster, when setting a target, the default option for denominator is 1, but the value is editable.

Requirement: The PRP-Cluster IMO is not able to change the denominator of a ratio indicator once it is set. The only option for the IMO to change the denominator is to set up a new indicator and the partners would have to adopt the indicator with the different denominator.

Exports:

Currently the exports only show the Nominator only. This should be corrected for both ratio and percentage indicators. Example of current download:

I entered 10/1 in period 1 and 12/6 in period 2. What I can see in the download is this:

AI	AJ	
Achievement in reporting period (total across all locations)	**Total cumulative progress**	
12	10	
10	10	

PRP Requirement: For Percentage and Ratio indicators, both the nominators and denominators have to be displayed. The following columns will have to split:

Old Column	New Columns	
PD UNICEF Indicator Target	**PD UNICEF Indicator Target (Nominator)** For Percentage and ratio indicators, please display the nominator as entered by the partner For Quantity, enter the actual quantity.	**PD UNICEF Indicator Target (Denominator)** For Percentage and ratio indicators, please display the denominator as entered by the partner For Quantity, display N/A.
Previous location progress	**Previous location progress (Nominator)** For Percentage and ratio indicators, please display the nominator as entered by the partner For Quantity, enter the actual quantity.	**Previous location progress (Denominator)** For Percentage and ratio indicators, please display the denominator as entered by the partner For Quantity, display N/A.
Achievement in reporting period (total across all locations)	**Achievement in reporting period (total across all locations) (Nominator)** For ratio indicators: Display the nominator calculated by PRP – see the first example for calculation method. For Quantity, enter the actual quantity as calculated by PRP.	**Achievement in reporting period (total across all locations) (Denominator)** For ratio indicators: Display the denominator calculated by PRP – see the first example for calculation method. For Quantity, display N/A.
Total cumulative progress	**Total cumulative progress (Nominator)** For ratio and quantity indicators - displays the same as "Achievement in reporting period column (Nominator)"	**Total cumulative progress (Denominator)** For ratio indicators - displays the same as "Achievement in reporting period column (Denominator)" For Quantity, display N/A.
All columns with the raw data	**Add (Nominator) suffix** Display raw data as entered by the partner	**Add (Denominator) suffix** For ratio indicator: Display raw data as entered by the partner For Quantity, display N/A