DRINKING WATER QUALITY (FECAL CONTAMINATION, WATER POINT LEVEL)

Outcome indicator, Output indicator

Indicator Phrasing

English: % of targeted water points with 0 fecal coliforms per 100 ml sample

French: % de sources d'eau ciblées ayant 0 bactérie coliforme fécale par échantillon de 100 ml

Portuguese: to be uploaded

Czech: % cílových vodních zdrojů s 0 fekálními koliformními baktériemi na 100ml vzorku vody

What is its purpose?

The indicator assesses the presence of fecal coliforms in water at the water collection level. The presence of these harmful bacteria shows that the water has been contaminated by animal or human faeces.

How to Collect and Analyse the Required Data

1) Consult your WASH advisor and/or relevant WASH authorities on locally available methods for testing the presence of fecal coliforms.

2) Ensure that the water samples are collected from all targeted water points.

3) To **calculate the indicator's value,** divide the number of targeted water points with 0 fecal coliforms per 100 ml sample by the total number of assessed water points. Multiply the result by 100 to convert it to a percentage.

Important Comments

1) This indicator is one of the most frequent indicators used in the emergency context for assessing water quality. Water supply interventions operating in the **development context** frequently use a range of other biological, chemical and physical aspects of drinking water quality required by the national standards or recommended by WHO's international Guidelines for Drinking Water Quality (see below). If you operate in a development context, consult your WASH advisor and local authorities to identify the most relevant standards and adjust this indicator accordingly.

2) Both in the development and emergency context, it is equally important to assess whether **regular water quality controls** take place and whether the controls' findings are used for improving the water quality.

Access Additional Guidance

- WHO (2011) Guidelines for Drinking-Water Quality

- Sphere Water supply standard 2.2: Water quality

- Global WASH Cluster

This guidance was prepared by **People in Need** © | Downloaded from www.indikit.net