



# PERFORMANCE INDICATOR REFERENCE SHEET (PIRS)

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M&E Workshop

Ethiopia

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# Performance Indicator Reference Sheets (PIRS)

## Presentation objectives

After the successful completion of this session the participant will:

- Know what a PIRS is
- Understand the purpose of a PIRS
- Know how to create a PIRS for a custom (project-specific) baseline-final evaluation indicator
- Know requirements for making PIRSs for FFP baseline-final evaluation indicators project-specific
- Know the FFP requirements for submitting PIRSs for baseline-final evaluation indicators

What is a PIRS

What are its purposes



# What is a PIRS and what is its purpose?

A **PIRS** is a working **M&E document**, in a standard format, that **explicitly and unambiguously defines** a **single indicator** so that the reader

- thoroughly understands **what is being measured**;
- knows exactly **how to collect** the necessary raw data; and
- knows precisely **how to process the raw data** to derive the indicator's value.

**Anyone could use the PIRS to derive the indicator's value and the external resources to which it refers.**

**The values reported for an indicator are accurate and consistent across time and location.**

# Purpose

- ✓ **Clarity** in indicator definition, methodology, responsibilities
- ✓ **Consistency** in data collection
- ✓ **Transparency** in decision-making around indicator selection and indicator changes
- ✓ **Collaboration** between USAID and partners to collect the data for timely reporting
- ✓ **Higher quality data!**

# What does a PIRS describe and define?



# PIRS Template

INDICATOR: [ENTER INDICATOR #, TITLE, and DATA SOURCE (BL/FE, RM, AS or S)]			
DEFINITION:			
CALCULATIONS:			
UNIT and RANGE/CODELIST:		DISAGGREGATE BY:	
INDICATOR TYPE (FFP& REFERENCE/M/C, plus E, as relevant.)	LEVEL (OUTPUT/ OUTCOME/IMPACT/ CONTEXT):	CUMULATIVE/NON-CUMULATIVE  *Only for Annual Monitoring Indicators	DIRECTION OF CHANGE (+/-):  *Not for Context indicators
<p>DATA COLLECTION METHOD</p> <p>Sampling Frame:</p> <p>Frequency of collection:</p> <p>Method of collection:</p> <p>Data collection instrument(s):</p> <p>Data collector(s)/recorder(s):</p>			
MEASUREMENT NOTES:			
FURTHER GUIDANCE			

# Performance Indicator Reference Sheets

## PIRS

Defines the **meaning** of an indicator

Defines **basic characteristics** of the indicator

Identifies the **sampling frame**

Describes the **data needed** to estimate its value

Describes **how** the data will be collected

- By whom
- From whom
- Questions asked
- When & Where

Shows how the collected data will be transformed

- Calculations
- Aggregations & Disaggregations



## INDICATOR #32

### Number of people benefiting from USG-supported social assistance programming

- Number of people receiving assistance (**cash, food, or other in-kind**) from programs supported in whole or in part through USG resources.



# INDICATOR #57

Number of children under five (0-59 months) reached by nutrition-specific interventions through **USG**-supported nutrition programs

**USG** – only FFP supported activities

Child counted if s/he received **one or more** of the following nutrition-specific interventions **directly or through mother/caretaker (count each child once – never during pregnancy)**

- **BCC** for IYCF (immediate, exclusive and continued breastfeeding) – growth monitoring promotion
- **Vitamin A** supplementation in the past 6 months
- **Zinc** Supplementation
- **Multiple nutrient powder** supplementation
- **Treatment of SAM**
- **Treatment of MAM**
- **Direct** food assistance (CSB+, Super-cereal Plus, RUTF, RUSF, etc)



## INDICATOR #15



### Number of hectares of land under improved technologies or management practices with **USG** assistance

- This indicator measures the area (in hectares) of land or water (for fisheries) first brought under new **technology** during the **current reporting year**. (non-cumulative)
- Technologies – agriculture-related, land-based technologies and innovations
- Relevant technologies include **crop genetics, cultural practices, disease management, irrigation, climate mitigation** (low- or no-till practices, efficient nitrogen fertilizer use), climate adaptation etc

# Customizing a FFP PIRS to make it project-specific

## Definitions for which more detail is required

<b>Key words</b>	<b>FFP Indicators</b>
past 12 months	14.a, 14.b, 14.c, 17, 21, 22, 61
sustainable (NRM, crop, livestock) practices and/or technologies promoted by the project	14.a, 14.b, 14.c
project defined minimum number of...	14.a, 14.b, 14.c
improved storage practices promoted by the project	17
financial services	21

# Customizing a FFP PIRS to make it project-specific

## Definitions for which more detail is required

<b>Key words</b>	<b>FFP Indicators</b>
value chain	22
value chain activities promoted by the project	22
nutrient-rich value chain commodities	69, 70
skilled health personnel	52
Oral Rehydration Therapy	39
basic drinking water source	40, 44
basic sanitation facility	41
correct use of recommended household water treatment technologies	43
“modern methods” of family planning	55

# PIRS for a custom baseline-final evaluation indicator

## Definition

- **Review title and clarify** exactly what the indicator measures and represents
- **Define all key words**, terms and phrases; leave no doubt about what they mean
- Define the sampling frame e.g. who specifically should be sampled
- **Define every piece of raw data** that is required to accurately collect, calculate, and disaggregate the indicator value
- Provide **questions for the baseline questionnaire**:
  - to extract the data used to calculate the value
  - to assure that the respondent fits the sampling frame
  - to make required disaggregations
- **Clearly define categories** for multiple-choice responses

# PIRS for a custom baseline-final evaluation indicator

## Definition

- Use the ToC and LogFrame to justify an indicator's importance.

Justification may be provided to the award and baseline Contracting Officer's Representatives (CORs) in a separate document.

# PIRS for a custom baseline-final evaluation indicator

## Calculations

- Detail a sequence of steps to show how the individual responses should be transformed to accurately derive the indicator value and its disaggregates including:
  - **Mathematical formulas**, including definitions of each term in the formula (e.g., numerator, denominator)
  - **Clear definitions** of how to convert raw responses to binomial (e.g., Y/N; acceptable/unacceptable), categorical (e.g., small, medium, large) or scaled (e.g., very poor, poor, good, exceptional) values used for mathematical manipulations or disaggregation
  - The **combination and weighting of values** from multiple indicators or responses from multiple questions to derive a composite score



# PIRS for a custom baseline-final evaluation indicator

## Unit and Range/Codelist

- Designate the unit of measure (e.g., %, average number)
- Show the possible range of values for indicators expressed as “scores” (e.g., Score in range of 0-25 points)
- List the possible values for encoded indicators

# PIRS for a custom baseline-final evaluation indicator

## Encoded values

- Indicator Type: “C”
- Level: “Outcome” or “Context”
- Cumulative/Non-cumulative: “NA”
- Direction of Change: “+” or “-”

# PIRS for a custom baseline-final evaluation indicator

## Data collection method: Sampling Frame

Sampling frames established in the standard baseline survey are:

- Households (HH Head or Responsible adult who prepared food or ate food)\*
- Household members (HH Head or Responsible adult)
- Men, women (All >14 yrs)
  - who earned cash
  - in union and earned cash
  - with child under two
  - in union and with child under 2
- Women of reproductive age (All females aged 15-49 yrs)
  - non-pregnant
- Children (Primary caregiver for every child of age)
  - under 5 yrs.
  - 6-23 months
  - <6 months
- Farmers (All in HH)

*\*Respondent(s) identified in parentheses*

# PIRS for a custom baseline-final evaluation indicator

## Data collection method: Required

- Frequency of Collection: “Baseline and endline”
- Method of Collection: “Baseline and final evaluation surveys”
- Data Collection Instrument: “Baseline/Final Evaluation Household Questionnaire” or “Baseline/Final Evaluation Community Questionnaire”
- Data Collectors/Recorders: “Third-party firm”

# Custom baseline-final evaluation indicators

## Practical consideration

- Indicators derived from standard baseline data, but calculated differently (e.g., Average height-for-age Z-score of children aged 0-23 months; Average number of sustainable livestock practices or technologies applied by male/female farmers; or Percentage of women relying on a particular contraceptive practice.):
  - Do not add to data collection time or costs
  - Typically add minimal analyses and reporting time/cost
  - Baseline contractors may agree to produce values for the project
  - Project staff can calculate using baseline data set

# Custom baseline-final evaluation indicators

## Practical consideration

- Baseline household sample size is based on required number of children aged 0-59 months to detect a 6% decrease in “Prevalence of stunted children under five years of age”
- FFP derives sample size following the processes described in the *FANTA Sampling Guide and 2012 Addendum\**, using the following parameters:
  - 95% confidence level for one-tailed test
  - 80% power
  - 8 percentage point reduction in the prevalence of stunting
  - design effect of 2

\*[http://www.fantaproject.org/sites/default/files/resources/Sampling-1999-Addendum-2012-ENG\\_0.pdf](http://www.fantaproject.org/sites/default/files/resources/Sampling-1999-Addendum-2012-ENG_0.pdf)

## FFP Requirements for submission times

### Baseline-final evaluation indicator PIRs

- Draft PIRS for every custom and customized FFP baseline indicator due 2 weeks before the baseline workshop begins
- Final PIRS for every baseline indicator due 14 days from the end of the baseline workshop



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