



FEED ^{THE} FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

Yield Revealed (Yield at the IM level)

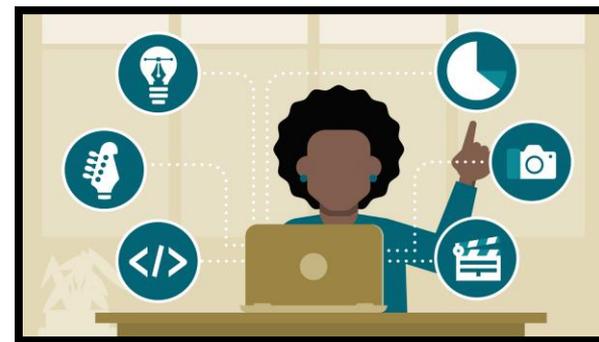
{Feed the Future MEL Webinar Series}

EG.3-10,11,12

November 8, 2018

Feed the Future MEL Webinar Series

- [Intro to the MEL System](#)
- [Standard Indicator Overview](#)
- [New Indicators: Application of improved practices and technologies](#)
- [New Indicators: Sales, finance, and investment](#)
- [FY18 FTFMS Reporting](#)
- [Nutrition, Sanitation & Hygiene Indicators](#)
- [New Indicators: Gender](#)
- [Reporting on Policy Change](#)
- [**Yield Revealed!** \(today\)](#)
- Agrometeorological indicators
- Feed the Future Learning Agenda



Presenters



Lesley Perlman



Katie West



Anne Swindale



Julie MacCartee

Webinar objectives

We will be discussing *EG.3-10, 11, 12 Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]* and covering:

- Key points of definitions
- Data points and disaggregations
- FTFMS data entry to enable better data collection and reporting

Indicator/PIRS-specific changes

- Indicators in general have a greater focus on capturing changes throughout the value chain, including private sector partners, market participants, etc.
- People-level indicators disaggregated by sex and age
- Reporting notes for the more complicated indicators include examples for data entry
- A ***participant*** is ...reached directly, ...reached as part of a deliberate service delivery strategy, ...participating in the market we strengthen

INDICATOR

EG.3-10,11,12 Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

EG.3-10-11,12 Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Data points required:

- Total Production (TP)
- Total Units of Production (UP)
- Total number of participant producers of each commodity

$$\text{Yield} = \text{TP/UP}$$

EG.3-10,11,12 Yield...cont.

Total Production (TP)

- Report all of the commodity produced by the participant producer
- Report the total production of all participant producers
- Preferred units of measure
 - Crops: metric tons
 - Pond and Cage aquaculture: kilograms of fish
 - Eggs: number of eggs
 - Dairy: liters of milk
 - Live animals/meat: weight in kilograms of offtake

EG.3-10,11,12 Yield...cont.

Units of Production (UP)

- Required units of measure
 - Crops: hectares
 - Pond aquaculture: hectares of surface area of the pond
 - Cage aquaculture: cubic meter of cages
 - Eggs: maximum number of hens that laid eggs during the reporting year
 - Dairy: maximum number of producing animals during the reporting year
 - Live animals/meat: number of animals in the herd/flock at the start of the reporting year plus number of additions in the reporting year, including births and purchases

Your turn!

EG.3-10,11,12 Yield...cont.

Approach to collecting:

- Sum across all participant producers of the commodity from routine monitoring

OR

- Sample weighted estimate of the total from a survey
- Recommended methods to measure in survey?
 - Crop production (TP) Crop cuts x area or farmer recall
 - Crop Area (UP) - Direct measurement with GPS

EG.3-10,11,12 Yield...cont.

CROPS - three levels of disaggregation

- Level 1. Commodity
- Level 2. Farm size: Smallholder, Non-smallholder
- Level 3. Sex: Male, Female
- Level 3. Age: 15-29, 30+ years

A smallholder has 5 hectares of land or less

EG.3-10,11,12 Yield... Crop disaggregates

Commodity: Maize

**Farm size:
Smallholder**

Sex: male: TP (mt),
UP (ha), #
participants

Sex: female: TP
(mt), UP (ha), #
participants

Age: 15-29: TP(mt),
UP (ha), #
participants

Age: 30+: TP(mt),
UP (ha), #
participants

**Farm size:
Non smallholder**

Sex: male: TP (mt),
UP (ha), #
participants

Sex: female: TP
(mt), UP (ha), #
participants

Age: 15-29: TP(mt),
UP (ha), #
participants

Age: 30+: TP(mt),
UP (ha), #
participants

Commodity: Orange fleshed sweet
potato

**Farm size:
Smallholder**

Sex: male: TP (mt),
UP (ha), #
participants

Sex: female: TP
(mt), UP (ha), #
participants

Age: 15-29: TP(mt),
UP (ha), #
participants

Age: 30+: TP(mt),
UP (ha), #
participants

Farm size:

Non smallholder

Sex: male: TP (mt),
UP (ha), #
participants

Sex: female: TP (mt),
UP (ha), #
participants

Age: 15-29: TP(mt),
UP (ha), #
participants

Age: 30+: TP(mt), UP
(ha), # participants

EG.3-10,11,12 Yield...cont.

LIVESTOCK - three levels of disaggregation

- Level 1. Commodity
- Level 2. Production system
- Level 3. Sex: Male, female
- Level 3. Age: 15-29, 30+

EG.3-10,11,12 Yield...cont.

Production systems:

- Rangelands: “... extensive with low stocking rates....degree of herd mobility in the grazing system....”
- Rural mixed crop-livestock: “....crop and livestock systems rely on one another for inputs and exist in a fixed rural location....”
- Urban/peri-urban: “...close proximity to human population centers...and/or include confined, caged and landless production systems.”
- Intensive, commercial livestock production: “...considerable scale and are highly commercialized....”

EG.3-10,11,12 Yield... Livestock and Livestock Products

Commodity: Cows (beef)

Production system:

Rangelands

Sex: male: **TP (kg of offtake), UP (max #), # participants**

Sex: female: **TP (kg of offtake), UP (max #), # participants**

Age: 15-29: **TP (kg of offtake), UP (max #), # participants**

Age: 30+: **TP (kg of offtake), UP (max #), # participants**

Commodity: Eggs

Production system:

Rural mixed crop-livestock

Sex: male: **TP (# eggs), UP (max # producing hens), # participants**

Sex: female: **TP (# eggs), UP (max # producing hens), # participants**

Age: 15-29: **TP(# of eggs), UP (max # producing hens), # participants**

Age: 30+: **TP(# of eggs), UP (max # producing hens), # participants**

Production system:

Urban/peri urban

Sex: male: **TP (# eggs), UP (max # producing hens), # participants**

Sex: female: **TP (# eggs), UP (max # producing hens), # participants**

Age: 15-29: **TP(# of eggs), UP (max # producing hens), # participants**

Age: 30+: **TP(# of eggs), UP (max # producing hens), # participants**

Your turn!

EG.3-10,11,12 Yield...cont.

- For both Cage aquaculture and Pond aquaculture— two levels of disaggregates
- Level 1. Commodity
- Level 2. Sex: Male, Female
- Level 2. Age: 15-29, 30+ years

EG.3-10,11,12 Yield...cont.

Multiple crop cycles in the reporting year?

- Sum production and area planted by commodity across cycles each time area is cultivated during reporting year
- Count each Participant only once under each commodity

Targets?

- Required at commodity level, at farm size or production system, and at the levels of sex and age under commodity
- Not required for TP, UP data points

How yield works in FTFMS



Select Indicators and Commodities

+ Search

+ Screen Instructions [\(click here to edit screen instructions\)](#)

+ Export/Print

- Current Selection

Reporting Organization: USAID

Bureau: Africa

Operating unit: Tanzania

Implementing Mechanism: Africa LEAD II Follow-on

Go

Implementing Mechanism / Indicator / Commodity and Country

Indicator / Implementing Mechanism / Commodity and Country

Commodity / Indicator / Implementing Mechanism

Enable Notification Delivery

Show Numbers

Save

Implementing Mechanism / Indicator / Commodity and Country	Total Indicators	# of Commodities	View	Implementing Mechanism Status	Configure
- 54363: Africa LEAD II Follow-on EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level](disaggregation by: Commodity, Average YIELD (TP/UP) of this commodity overall, Farm size/Production System, Average YIELD (TP/UP), Number of Participants/TP/UP, Total Production by Sex/Age Category, Total Production by Sex, Total Production by Age Category)			Details Reference Sheet:	Data Entry In Progress	
X Bananas (Horticulture)					
X Carp (ponds) (NRVCC) (Animal Products)					
X Chickens (poultry) (NRVCC) (Animal Products)					
X Eggs (NRVCC) (Animal Products)					
X Fish (open-water cages) (NRVCC) (Animal Products)					
X Goat (live) (NRVCC) (Animal Products)					
X Milk (Sheep) (NRVCC) (Milk)					

Add Commodity

Add Indicator

Go to 'Enter Indicator Data' for your IM

 >> Enter Indicator Data

- + Search
- + Special Instructions [\(click here to edit special instructions\)](#)
- Screen Instructions [\(click here to edit screen instructions\)](#)
- + Export/Print

Submit/Approve Data

- Submit/Approve Data

Current Status: IP Data Entry

[Submitted Versions](#)

Available Actions: -- Select Action --

- Current Selection

Reporting Organization: USAID

Bureau: Africa

Operating unit: Comoros

Prime Partner: All

Implementing Mechanism: Kate's TEST mechanism

Indicator data

Indicator: EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

[<< Go to Previous Indicator](#)

[Go to Next Indicator >>](#)

Indicator / Disaggregation	2018 Deviation Narrative	2018 Comment	Baseline Year	Baseline Value	2018		2019	2020	2021
					Target	Actual			
EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]	Add	Add							

Choose yield indicator & commodity

Indicator data

Indicator: Calculate totals

[<< Go to Previous Indicator](#) [Go to Next Indicator >>](#) Save

Indicator / Disaggregation	2018 Deviation Narrative	2018 Comment	Baseline Year	Baseline Value	2018		2019	2020	2021
					Target	Actual	Target	Target	Target
EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level] <input checked="" type="checkbox"/> Avocado <input type="checkbox"/> Carp (ponds) (NRVCC) <input type="checkbox"/> Eggs (NRVCC) <input type="checkbox"/> Fish (open-water cages) (NRVCC) <input type="checkbox"/> Goat (live) (NRVCC) <input type="checkbox"/> Milk (Sheep) (NRVCC) <input type="checkbox"/> Shrimp (NRVCC) <input type="checkbox"/> + Farm size: Smallholder producer <input type="checkbox"/> + Farm size: Non-smallholder producer	Add	Add							

This list is from previous screen where you chose your commodities!

Default Units & Disaggs by Yield Commodity Groups

EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Avocado

CROPS!

Total Production (TP) measured in

Metric Tons

Units of Production (UP) measured in

Hectares

Average YIELD (TP/UP) of this commodity overall

+ Farm size: Smallholder producer

+ Farm size: Non-smallholder producer

Disaggregates

EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Eggs (NRVCC)

Eggs!!

Total Production (TP) measured in

number of eggs

Units of Production (UP) measured in

max number of producing he

Average YIELD (TP/UP) of this commodity overall

+ Production System: Rangeland

+ Production System: Rural Mixed Livestock-Crop

+ Production System: Urban/peri-urban

+ Production System: Intensive/Commercial

Disaggregates

Default Units & Disaggs by Yield Commodity Groups

EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Goat (live) (NRVCC)

LIVESTOCK!

Total Production (TP) measured in
Units of Production (UP) measured in

weight in Kgs of offtake (enti)

max number in herd / other g

Average YIELD (TP/UP) of this commodity overall

- + Production System: Rangeland
- + Production System: Rural Mixed Livestock-Crop
- + Production System: Urban/peri-urban
- + Production System: Intensive/Commercial

Disaggregates

EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Milk (Sheep) (NRVCC)

Dairy!

Total Production (TP) measured in
Units of Production (UP) measured in

Ltrs of milk

max number of producing an

Average YIELD (TP/UP) of this commodity overall

- + Production System: Rangeland
- + Production System: Rural Mixed Livestock-Crop
- + Production System: Urban/peri-urban
- + Production System: Intensive/Commercial

Disaggregates

Default Units & Disaggs by Yield Commodity Groups

EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Fish (open-water cages) (NRVCC)

Cage Aquaculture!!

Total Production (TP) measured in

Kg

Units of Production (UP) measured in

m3 of cage

Average YIELD (TP/UP) of this commodity overall

+ Cage Aquaculture **No Disaggregates**

EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Carp (ponds) (NRVCC)

Pond Aquaculture!!

Total Production (TP) measured in

Kg

Units of Production (UP) measured in

Ha surface area

Average YIELD (TP/UP) of this commodity overall

+ Pond Aquaculture **No Disaggregates**

Yield Commodity Groups

https://www.agrilinks.org/post/feed-future-monitoring-system-ftfms-resources-page-2018

- Note that USAID/FFP is on a different timeline than the rest of USAID, since data is coordinated through DCHA HQ.
- **NEW THIS YEAR!!** -->> See the new [Feed the Future Indicator Handbook](#) (published March 2018)
 - Refer to this [summary table of transition to new indicators](#) to know whether you need to switch to using the new set of indicators
- Read the [FY18 FTFMS Guidance Document](#) for this year's instructions
- Attend the annual [FTFMS Webinar](#), held on Thursday, October 4. A recording and transcript are posted at the same link.
- **NEW THIS YEAR!!** -->> [Template for the IM Performance Narrative](#) – a Word document to help prepare your narrative before entering into FTFMS
- **NEW THIS YEAR!!** -->> [Template for the FTF Key Issue Narrative](#) – a Word document to help prepare your narrative before entering into FTFMS
- As always, direct your FTFMS questions to support@ftfms.net or to your MEL technical advisor (list below)

What Should You Be Doing Now to prepare?

- Make sure you and your Implementing Partners have an FTFMS account if you need one.
 - To request an account, email support@ftfms.net. Please specify which Implementing Mechanism the user needs access to.
 - If you forgot your password or haven't logged in lately, you can reset it by clicking "Forgot Password" on the FTFMS login screen.

QUICK REFERENCE GUID

Summary chart of FTF indicat

Table of FTF Indicators organi (performance vs. context) and level, ZOI-level, etc.)
122.33 KB

Transitioning to New GFSS Inc
147.23 KB

Who Reports What
8.7 KB

Timing of Indicator Program
FTFMS
256.54 KB

Glossary of FTF terms
93.09 KB

Pairs of FY18 Indicators & Not
23.11 KB

Yield Commodity Groups
42.1 KB

Screenshot instructions for us (new - 2018)
3.83 MB

HOW TO VIDEOS

Yield Commodity Groups

YIELD Commodity Group	CommodityName
Crop	Animal feed
Crop	Apples
Crop	Avocado
Crop	Bambara/Round nut (Vigna subterranea) (NRVCC)
Crop	Bananas
Crop	Beans (biofortified) (NRVCC)
Crop	Beans (non-biofortified) (NRVCC)
Crop	Beans and pulses (NRVCC)
Crop	Beans, sugar (NRVCC)
Crop	Birds Eye Chili (NRVCC)
Crop	Bt cotton
Crop	Butternut Squash (NRVCC)
Crop	Cabbage (NRVCC)
Livestock	Camel (live) (NRVCC)
Livestock	Camel (meat) (NRVCC)
Pond Aquaculture	Carp (ponds) (NRVCC)
Crop	Carrots (NRVCC)
Crop	Cashews (NRVCC)
Crop	Cassava
Livestock	Cattle (Beef) (NRVCC)
Livestock	Cattle (live) (NRVCC)
Crop	Cauliflower (NRVCC)
Crop	Cherries
Livestock	Chickens (poultry) (NRVCC)
Crop	Chickpea (NRVCC)

Data Entry for Crops - example

EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]

Avocado

CROPS!

Total Production (TP) measured in

Metric Tons

Units of Production (UP) measured in

Hectares

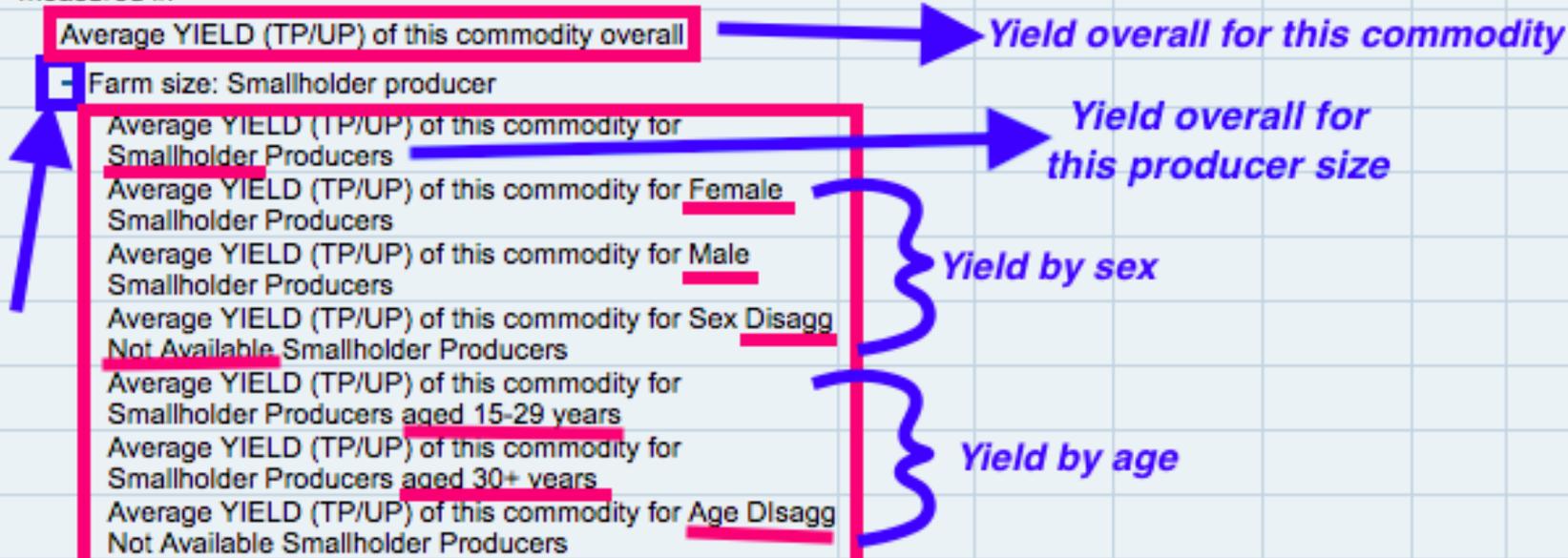
Average YIELD (TP/UP) of this commodity overall

+ Farm size: Smallholder producer

+ Farm size: Non-smallholder producer

Disaggregates

Indicator / Disaggregation	2018 Deviation Narrative	2018 Comment	Baseline Year	Baseline Value	2018	
					Target	Actual
EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level]						
<div style="border: 1px solid gray; padding: 2px; margin-bottom: 5px;"> Avocado ⌵ </div>						
Total Production (TP) measured in		Metric Tons ⌵				
Units of Production (UP) measured in		Hectares ⌵				
Average YIELD (TP/UP) of this commodity overall		<i>Yield overall for this commodity</i>				
<input checked="" type="checkbox"/> Farm size: Smallholder producer		<i>Yield overall for this producer size</i>				
Average YIELD (TP/UP) of this commodity for Smallholder Producers		<i>Yield by sex</i> <i>Yield by age</i>				
Average YIELD (TP/UP) of this commodity for Female Smallholder Producers						
Average YIELD (TP/UP) of this commodity for Male Smallholder Producers						
Average YIELD (TP/UP) of this commodity for Sex Disagg Not Available Smallholder Producers						
Average YIELD (TP/UP) of this commodity for Smallholder Producers aged 15-29 years						
Average YIELD (TP/UP) of this commodity for Smallholder Producers aged 30+ years						
Average YIELD (TP/UP) of this commodity for Age Disagg Not Available Smallholder Producers						
Number of Participants						
Total Number of Participants by Sex						
Male						
Female						
Disaggregates Not Available						
Total Number of Participants by Age Category						



Indicator / Disaggregation	2018 Deviation Narrative	2018 Comment	Baseline Year	Baseline Value	2018	
					Target	Actual
Number of Participants						
Total Number of Participants by Sex						
Male						
Female						
Disaggregates Not Available						
Total Number of Participants by Age Category						
15-29						
30+						
Disaggregates Not Available						
Total Production (TP) (Measured using units selected above)						
Total Production by Sex						
Male - Total production in MT (or units selected) on plots managed by Males						
Female - Total production in MT (or units selected) on plots managed by Females						
Disaggregates Not Available - Total production in MT (or units selected) on plots managed by people whose sex disagg is not available						
Total Production by Age Category						
15-29 - Total production in MT (or units selected) on plots managed by people aged 15-29 years						
30+ years - Total production in MT (or units selected) on plots managed by people aged 30+ years						
Disaggregates Not Available - Total production in MT (or units selected) on plots managed by people whose age category is not available						
Units of Production (UP) (Measured using units selected above)						
Units of Production by Sex						
Male - Total hectares (or units selected) in production managed by Males						
Female - Total hectares (or units selected) in production managed by Females						
Disaggregates Not Available - Total hectares (or units selected) in production managed by people whose sex disagg is not available						
Units of Production by Age Category						
15-29 - Total hectares (or units selected) in production managed by people aged 15-29						
30+ - Total hectares (or units selected) in production managed by people aged 30+						
Disaggregates Not Available - Total hectares (or units selected) in production managed by people whose age category is not available						

Enter:
(1) Number of participants;
(2) Total Production;
(3) Units of Production
by Sex and Age

Number of Participants

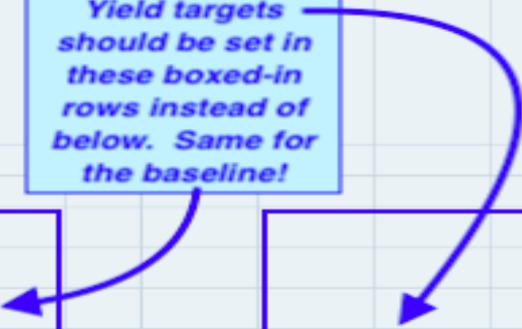
Total Production (TP) (Measured using units selected above)

Units of Production (UP) (Measured using units selected above)

Set targets at a bit higher level than results

Indicator / Disaggregation	2018 Deviation Narrative	2018 Comment	Baseline Year	Baseline Value	2018	2019	2020	2021
					Target	Actual	Target	Target
EG 3-10 -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance (IM-level)								
Maize								
Total Production (TP) measured in								
Units of Production (UP) measured in								
Average YIELD (TP/UP) of this commodity overall								
- Farm size: Smallholder producer								
Average YIELD (TP/UP) of this commodity for Smallholder Producers								
Average YIELD (TP/UP) of this commodity for Female Smallholder Producers								
Average YIELD (TP/UP) of this commodity for Male Smallholder Producers								
Average YIELD (TP/UP) of this commodity for Sex Disagg Not Available Smallholder Producers								
Average YIELD (TP/UP) of this commodity for Smallholder Producers aged 15-29 years								
Average YIELD (TP/UP) of this commodity for Smallholder Producers aged 30+ years								
Average YIELD (TP/UP) of this commodity for Age Disagg Not Available Smallholder Producers								
Number of Participants								
Total Number of Participants by Sex								
Male								
Female								
Disaggregates Not Available								
Total Number of Participants by Age Category								
15-29								
30+								
Disaggregates Not Available								
Total Production (TP) (Measured using units selected above)								
Total Production by Sex								
Male - Total production in MT (or units selected) on plots managed by Males								
Female - Total production in MT (or units selected) on plots managed by Females								
Disaggregates Not Available - Total production in MT (or units selected) on plots managed by people whose sex disagg is not available								
Total Production by Age Category								

Yield targets should be set in these boxed-in rows instead of below. Same for the baseline!



Click 'Save' and move to next commodity

Indicator data

Indicator: Calculate totals

[<< Go to Previous Indicator](#) [Go to Next Indicator >>](#) Save

Indicator / Disaggregation	2018 Deviation Narrative	2018 Comment	Baseline Year	Baseline Value	2018		2019	2020	2021
					Target	Actual	Target	Target	Target
EG.3-10, -11, -12: Yield of targeted agricultural commodities among program participants with USG assistance [IM-level] <input checked="" type="checkbox"/> Avocado <input type="checkbox"/> Carp (ponds) (NRVCC) <input type="checkbox"/> Eggs (NRVCC) <input type="checkbox"/> Fish (open-water cages) (NRVCC) <input type="checkbox"/> Goat (live) (NRVCC) <input type="checkbox"/> Milk (Sheep) (NRVCC) <input type="checkbox"/> Shrimp (NRVCC) <input type="checkbox"/> + Farm size: Smallholder producer <input type="checkbox"/> + Farm size: Non-smallholder producer	Add	Add							

This list is from previous screen where you chose your commodities!

Transitioning to the indicators

Indicator Transition

- **Activity-level indicators:**

- Activities end before Oct 2019: New indicators optional
- Activities end after Sep 2019: New indicators mandatory

- **Reporting in FTFMS:**

- Fall 2018: set targets new indicators for FY19-21, report on results for new indicators if fully aligned with definition, otherwise report on old indicators
- Fall 2019: report against new indicators for FY 2019

Questions?

Feed the Future MEL Webinar Series

- [Intro to the MEL System](#)
- [Standard Indicator Overview](#)
- [New Indicators: Application of improved practices and technologies](#)
- [New Indicators: Sales, finance, and investment](#)
- [FY18 FTFMS Reporting](#)
- [Nutrition, Sanitation & Hygiene Indicators](#)
- [New Indicators: Gender](#)
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