

SENS Version 3 - Webinar

Updates on the SENS Guidelines

(Standardized Expanded Nutrition Survey)

Session 2

OCTOBER 14th 2020



Outlines

1. Background
2. Objectives of the series of webinars
3. Updates on SENS V3 - Household Modules (Sessions 1-2)
4. Updates on SENS V3 - Individual Modules (Session 2)
5. Updates on SENS V3 - Pre-Module, New tools, Sampling strategies, Epi Info analysis, SENS website, SENS Mapper, etc. (Session 3)
6. Updates on SENS V3 - MDC Tools (Sessions 4-6)
7. Q&A (Session 6)

SENS Guidelines Version 3

- Pilot tested in 2 countries (ETH and TZN)
- **SENS v3 published in 2019**
- **7 modules (+ Pre-module)**
 1. Demography (Required) **NEW**
 2. Anthropometry and Health (Required)
 3. Anaemia
 4. IYCF
 5. Food Security
 6. Mosquito Net Coverage
 7. WASH



MODULE 6: MOSQUITO NET COVERAGE

UNHCR
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FOR REFUGEE POPULATIONS

MODULE 6: MOSQUITO NET COVERAGE

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Module 6: Mosquito Net Coverage – Objectives

- To determine the ownership of mosquito nets (all types and LLINs) in households
- To determine the utilisation of mosquito nets (all types and LLINs) by the total population, children 0-59 months and pregnant women
- To determine the household coverage of indoor residual spraying in the last 6 months/12 months

SENS recommendation: include this indicator only if IRS implemented in the last 6 months/12 months

Module 6: Mosquito Net Coverage – Indicators

- **Mosquito net ownership**
 - Proportion of HHs owning at least one mosquito net of any type
 - Proportion of HHs owning at least one LLIN
 - Average Number of LLINs per HH
 - Average Number of persons per LLIN
- **Mosquito net utilisation**
 - Proportion of HH members (all ages) who slept under a net of any type
 - Proportion of HH members (all ages) who slept under an LLIN
 - Proportion of children 0-59 months who slept under a net of any type
 - Proportion of children 0-59 months who slept under an LLIN
 - Proportion of pregnant women who slept under a net of any type
 - Proportion of pregnant women who slept under an LLIN
- **Indoor Residual Spraying (if applicable)**
 - Proportion of HH covered by IRS in the last 6 months/12 months

Module 6: Mosquito Net Coverage – Questionnaire (1/5)

- Section TN1 – Details on the HH

TN2	What is the total number of household members?		_ _
	RECORD NUMBER. TNHHSIZE		
TN3	How many people live in this household and slept here last night? RECORD NUMBER. TOTHH		_ _
TN4	How many children 0-59 months live in this household and slept here last night? RECORD NUMBER OR TYPE 0 IF THERE AREN'T ANY CHILDREN BELOW 5 YEARS. TOTCH		_ _
TN5	How many pregnant women live in this household and slept here last night? RECORD NUMBER OR TYPE 0 IF THERE AREN'T ANY PREGNANT WOMEN. TOTPW		_ _

Module 6: Mosquito Net Coverage – Questionnaire (2/5)

- Section TN1 – Details on the HH

<p>TN6</p>	<p>Did you have your house sprayed with insecticide in an indoor residual spray campaign in the past 6/12 months? (IF APPLICABLE)</p> <p>EXPLAIN THAT THIS IS NOT THE CAN OF INSECTICIDE THAT CAN BE SPRAYED IN THE HOUSE.</p> <p>HHIRS</p>	<p>Yes 1 No 2 Don't know 8</p>	<p> __ </p>
<p>TN7</p>	<p>Do you have mosquito bed nets in this household that can be used while sleeping?</p> <p>MOSNETS</p>	<p>Yes 1 No 2 Don't know 8</p>	<p> __ IF ANSWER IS 2 OR 8 STOP NOW</p>
<p>TN8</p>	<p>How many of these mosquito bed nets that can be used while sleeping does your household have?</p> <p>PROBE FOR ANY NETS CURRENTLY NOT IN USE THAT ARE BEING SAVED OR STORED (STILL IN THEIR PACKAGE). RECORD REPORTED NUMBER.</p> <p>Lower limit=1 Upper limit=10</p> <p>NUMNETS</p>		<p> __ __ Nets</p>

Module 6: Mosquito Net Coverage – Questionnaire (3/5)

- Section TN2 – Observation of Bed Nets

TN9	<p>Can the bed net be observed?</p> <p>ASK RESPONDENT TO SHOW YOU THE NET IN THE HOUSEHOLD.</p> <p>NETSOBS</p>	<p>Yes 1</p> <p>No 2</p>	<p><input type="checkbox"/> <input type="checkbox"/></p> <p>IF ANSWER IS 2 SKIP TO TN12</p>
TN10	<p>What is the brand of the net observed?</p> <p>LOOK AT THE TAG ON THE NET. IF THERE IS NONE OR IS UNREADABLE, SELECT 'UNIDENTIFIABLE'/'DON'T KNOW.</p> <p>NETBRAND</p>	<p>DAWAPLUS 01</p> <p>DURANET 02</p> <p>INTERCEPTOR 03</p> <p>LIFENET 04</p> <p>MAGNET 05</p> <p>MIRANET 06</p> <p>OLYSET 07</p> <p>PANDANET 08</p> <p>PERMANET 09</p> <p>ROYALSENTRY 10</p> <p>SAFENET 11</p> <p>VEERALIN 12</p> <p>YALE 13</p> <p>YORKKOL 14</p> <p>Insecticide treated net (ITN) NAME #1 15</p> <p>ITN NAME #2 16</p> <p>ITN NAME #3 17</p> <p>Other (please specify) 96</p> <p>Unidentifiable/Don't know 98</p>	<p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>IF ANSWER IS 96 GO TO TN11</p>
TN11	<p>If other, please specify the brand name of net</p> <p>BRANDOTH</p>	<p>_____</p>	



Module 6: Mosquito Net Coverage – Questionnaire (4/5)

- Section TN3 – Survey of HH members

ID of household member		_
HHMID		
What is the sex of the household member?	Male..... m Female f	_
HHMSEX		
How old is the household member?	<5 years 1 ≥5 years 2	_
HHMAGE		
Is the household member currently pregnant?	Yes 1 No 2 Don't know 8	_
HHMPREG		
Did the household member sleep under a net last night?	Yes 1 No..... 2 Don't know..... 8	_
SLPNET		
Select the brand of the net under which the household member slept	RESPONSES FROM TN9 SHOWN HERE. EXAMPLE:	_ _
ASK THE RESPONDENT TO PHYSICALLY IDENTIFY WHICH OF THE OBSERVED NETS S/HE SLEPT UNDER.	NETBRAND1-PERMANET NETBRAND2-PERMANET NETBRAND3-Unidentifiable/Don't know NETBRAND4- OLYSET	
SLPBRAND		

Module 6: Mosquito Net Coverage – Questionnaire (5/5)

- **Error messages**

Error messages
The total number of children in the household declared at the beginning of the form (TN4) does not match the number of children you have entered in the group (TN13). Please review to ensure they match.
The total number of pregnant woman in the household you declared at the beginning of the form (TN5) does not match the number of pregnant woman you have entered (TN14). Please review to ensure they match.

MODULE 7: WASH

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MODULE 7: WATER, SANITATION AND HYGIENE (WASH)

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Module 7: WASH

- **Complete change to align with UNHCR WASH KAP Indicators**
 - All of the questions for the SENS survey are taken from the **UNHCR WASH KAP** to harmonise the surveys undertaken in refugee operations
- The SENS WASH module provides only a few of the core WASH KAP indicators and should be used in conjunction with the standard UNHCR WASH KAP

Module 7: WASH - Objectives

- To determine the **population's access to, and use of, water, sanitation and hygiene facilities**
- To determine the **population's access to soap**

Module 7: WASH – Indicators (1/2)

- **Water quality NEW**
 - Proportion of HHs collecting drinking water from protected/treated sources
 - Proportion of HHs with at least 10 litres/person drinking water storage capacity
- **Water quantity NEW**
 - Average # L/p/d of domestic water collected at household level, from protected/treated sources (with containers of any type)
 - Average # L/p/d of domestic water collected at household level, from protected/treated sources (with protected containers only)
 - Proportion of households that use domestic water collected from protected/treated sources (with protected containers only): ≥ 20 L/p/d ; 15-<20 L/p/d ; <15 L/p/d

Module 7: WASH – Indicators (2/2)

- **Toilet/Latrine use NEW**
 - Proportion of HHs reporting defecating in a toilet
- **Access to soap NEW**
 - Proportion of households with access to soap

Module 7: WASH – Questionnaire (1/3)

- Section WS1: WASH interview questions



Picture 1



Picture 2

WS2	<p>What is the total number of household numbers?</p> <p>RECORD NUMBER.</p> <p>HHSIZE</p>		<p> _ _ </p>
WS3	<p>What is the principal source of drinking water for members of your household?</p> <p>SELECT ONE BUT DO NOT PROMPT WITH RESPONSES. CONSIDER DRINKING WATER ONLY.</p> <p>SOURCE</p>	<p>Public tap/standpipe01</p> <p>Handpumps/boreholes.....02</p> <p>Water seller/kiosks03</p> <p>Piped connection to house (or neighbour's house).....04</p> <p>Protected spring05</p> <p>Bottled water, water sachets06</p> <p>Tanker trucks07</p> <p>Unprotected hand-dug well08</p> <p>Surface water (lake, pond, dam, river) ...09</p> <p>Unprotected spring10</p> <p>Rain water collection.....11</p> <p>Other96</p> <p>Don't know98</p>	<p> _ _ </p>
WS4	<p>Where do you and your household members (excluding children under 5) usually go to defecate?</p> <p>SELECT ONE BUT DO NOT PROMPT WITH RESPONSES.</p> <p>TOILET</p>	<p>Household latrine1</p> <p>Communal latrine2</p> <p>Open defecation3</p> <p>Plastic bag4</p> <p>Bucket toilet5</p> <p>Other6</p> <p>Don't know8</p>	<p> _ </p>

Picture 3



Picture 4



Module 7: WASH – Questionnaire (2/3)

- Section WS2: WASH observations questions

WS5	<p>Please show me the soap you have in the household.</p> <p>SOAP</p>	<p>Presented within one minute.....1 Not presented within one minute/no soap 2</p>	<p> _ </p>
WS6	<p>How many containers do you have to <u>collect</u> or <u>store</u> water for domestic purposes for your house? Please show me all of them one by one</p> <p>RECORD ONE BY ONE. CHECK FOR ALL OF THE CONTAINERS. DO NOT INCLUDE BROKEN, LEAKING, OR NON-FUNCTIONAL CONTAINERS.</p> <p>Lower limit=0</p>		<p> _ _ </p>
	<p>Upper limit=25</p> <p>CONTAINER</p>		

Module 7: WASH – Questionnaire (3/3)

- Section WS2: WASH observations questions

WS7	What is the type of container?	Jerrycan01 Bucket.....02 Basin03 Bottle04 Saucepan05 Drums06 Other96	_ _
TYPE WS8 What is the volume of container? ENTER THE AMOUNT OF LITRES THIS CONTAINER CAN HOLD TO THE NEAREST 0.5L Lower limit=0.5L Upper limit=300.0L LITER			_ _ _ _ _ _ _ litres
WS9	Is the container covered?	Yes1 No2 Don't know8	_
PROTECT WS10 Number of journeys made with container for the collection of water for domestic purposes yesterday? This includes all water collected morning, afternoon and evening. PLEASE ENTER '0' IF HOUSEHOLD DID NOT FILL IT YESTERDAY. Lower limit=0 Upper limit=10 NUMTRIPS			_ _ _ journeys



Picture 1



Picture 2



Picture 3

INDIVIDUAL MODULES

MODULE 2: ANTHROPOMETRY AND HEALTH

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MODULE 2: ANTHROPOMETRY AND HEALTH

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Module 2: Anthropometry and Health – Objectives (1/4)

Primary objectives

- To measure the prevalence of **acute malnutrition** in children aged 6-59 months
- To measure the prevalence of **stunting** in children aged 6-59 months
- To determine the coverage of **measles vaccination** among children aged 9-59 months
- To determine the coverage of **vitamin A supplementation** in the last 6 months among children aged 6-59 months
- To determine the **two-week period prevalence of diarrhoea** among children aged 6-59 months

Module 2: Anthropometry and Health – Objectives (2/4)

Secondary objectives

- To determine the **enrolment into the targeted supplementary (TSFP) and therapeutic (OTP/SC) nutrition programmes** for children aged 6-59 months
- To determine the **coverage of the blanket supplementary feeding programme (BSFP) for children** aged 6-23/6-35/6-59 months **NEW**

SENS recommendation: include this indicator in all contexts where a BSFP is in place for young children

- To determine the **coverage of deworming** with mebendazole or albendazole in the last six months among young children (12-59m/24-59m) **NEW**

SENS recommendation: include this indicator only if a deworming campaign was done in the last six months, and if results are needed for programme monitoring purposes

Module 2: Anthropometry and Health – Objectives (3/4)

Secondary objectives

- To determine the **coverage of the blanket supplementary feeding programme (BSFP) for pregnant women and lactating women with an infant less than 6 months** aged 15-49 years **NEW**

SENS recommendation: include this indicator in all contexts where a BSFP is in place for pregnant and lactating women with an infant less than 6 months

Optional objectives

- To determine the **use of ORS and/or zinc tablets or syrup during diarrhoea episodes** in children aged 6-59 months **NEW**

SENS recommendation: include these indicators especially in areas where diarrhoea is common and there is a need to know the practices during diarrhoea episodes

Module 2: Anthropometry and Health – Objectives (4/4)

Optional objectives

- To determine the **prevalence of MUAC malnutrition in women** of reproductive age 15-49 years (include if all, pregnant and/or lactating women are measured) **NEW**
SENS recommendation: : *include this indicator only if results are needed for a baseline assessment or for programme monitoring purposes.*
- To determine the **time of arrival** of the children in the camp /asylum country **NEW**
SENS recommendation: : *only include this indicator if the survey is being carried out in settings with recent/new influxes of refugees and there is a suspicion of different nutritional status among these new refugees*

Module 2: Anthropometry and Health – Indicators Children 6-59 months (1/5)

- **Sample size**

- Total 6-59 months surveyed
- Non-response rate (children)

- **Time of arrival (optional / if applicable) NEW**

- Children's arrival profile in the camp/asylum country

- **Age distribution**

- Sample composition by age

NEW → The age ranges differ from the standard ones given by ENA for SMART software; Disaggregated by age groups: 6-11.99, 12-23.99, 24-35.99, 36-47.99, 48-59.99 months

Module 2: Anthropometry and Health – Indicators Children 6-59 months (2/5)

- **Sex distribution**

- Sex ratio; Disaggregated by age groups (6-11m, 12-23m, 24-35m, 36-47m, 48-59m)

- **Acute Malnutrition**

- GAM; Disaggregated by sex and age groups
- MAM; Disaggregated by sex and age groups
- SAM; Disaggregated by sex and age groups
- Oedema

- **MUAC**

- MUAC <125 mm and/or oedema; Disaggregated by sex and age groups
- MUAC 115-124; Disaggregated by sex and age groups
- MUAC <115 mm and/or oedema; Disaggregated by sex and age groups

Module 2: Anthropometry and Health – Indicators Children 6-59 months (3/5)

- **Underweight**

- Total Underweight; Disaggregated by sex and **age groups**
- Moderate Underweight; Disaggregated by sex and **age groups**
- Severe Underweight; Disaggregated by sex and **age groups**

- **Stunting**

- Total Stunting; Disaggregated by sex and age groups
- Moderate Stunting; Disaggregated by sex and age groups
- Severe Stunting; Disaggregated by sex and age groups

- **Overweight NEW**

- Total Overweight; Disaggregated by sex and age groups
- Severe Overweight; Disaggregated by sex and age groups

Module 2: Anthropometry and Health – Indicators Children 6-59 months (4/5)

- **Programme coverage and enrolment**
 - Measles vaccination with card (9-59m)
 - Measles vaccination with card or recall (9-59m)
 - Vitamin A supplementation within the past 6 months with card
 - Vitamin A supplementation within the past 6 months with card or recall
 - Supplementary feeding programme (TSFP) enrolment (all admission criteria and MUAC alone)
 - Therapeutic feeding programme (OTP/SC) enrolment (all admission criteria and MUAC and oedema alone)
- **BSFP coverage (if applicable) NEW**
 - Blanket Supplementary Feeding (BSFP) coverage (age group to be adapted: 6-23m or 6-35m or 6-59m)

Module 2: Anthropometry and Health – Indicators Children 6-59 months (5/5)

- **Diarrhoea**
 - Diarrhoea in the last 2 weeks
 - ORS use during diarrhoea episode (optional) **NEW**
 - Zinc tablets or syrup use during diarrhoea episode (optional) **NEW**
- **Deworming coverage (if applicable) NEW**
 - Deworming within the past 6 months (age inclusion to be adapted: 12-59m or 24-59m)

Module 2: Anthropometry and Health – Indicators Women 15-49 years (1/2)

- **Age**
 - Average age of women
- **Physiological status**
 - Sample composition by physiological status (non-pregnant and non-lactating, pregnant, lactating with an infant less than 6 months, lactating with an infant greater than 6 months) **NEW**
- **BSFP coverage (if applicable) NEW**
 - Blanket Supplementary Feeding (BSFP) coverage (Group inclusion to be adapted: pregnant women and lactating women with an infant less than 6 months)

Module 2: Anthropometry and Health – Indicators Women 15-49 years (2/2)

- **Women MUAC (optional) NEW**
 - MUAC non pregnant, non-lactating (**optional; only if there are particular concerns about nutrition status of women**)
 - MUAC pregnant women and lactating women with an infant less than 6 months (**optional; only if results are needed for a baseline assessment or for programme monitoring purposes (BSFP)**)
- MUAC cut-offs and categories to use in women are to be adapted to each context (e.g.230 mm or 210 mm)
- Select physiological status of women to be included depending on context. e.g. non-pregnant, non-lactating women and/or pregnant women and lactating women with an infant less than 6 months only.
- Refer to the National CMAM protocol to see if women are included

Module 2: Anthropometry and Health

- **Addition of standard SMART Variables NEW**
 - Measurement of weight with clothes

CH11	CLOTHES	Was the [NAME OF CHILD] dressed with clothes for the weight measurement? y= Yes n= No (OPTIONAL)	In certain cultures or climates, it might be inappropriate to undress children for weight measurements. This question should be used in settings where it is common to measure children with clothing. A light underwear does not count as clothes. For more details on how to adjust for weight of clothes, refer to SENS Anthropometry and Health tool: [Tool 2- Setting-up ENA software for SENS].
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- Added guidance on how to consider weight of clothes in malnutrition calculation

Showing columns for measure, clothes and weighting variables

Weight for subtraction of clothes

gram

Module 2: Anthropometry and Health

- **Addition of standard SMART Variables NEW**
 - Measurement of height/length lying down or standing up

CH13	MEA- SURE	Was [NAME OF CHILD] measured lying down or standing up?	This variable is coded "l" for length (child measured lying down) and "h" for height (child measured standing up).
		l= Child lying down	The ENA for SMART software will apply a correction factor and correct nutrition indices accordingly if a child is not measured as described in the protocol.
		h= Child standing up	For more details on this option in the ENA for SMART software, refer to SENS Anthropometry and Health tool: [Tool 2- Setting-up ENA software for SENS].

Showing columns for measure, clothes and weighting variables

Weight for subtraction of clothes

gram

MODULE 3: ANAEMIA

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MODULE 3: ANAEMIA

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Module 3: Anaemia - Objectives

Primary objective

- To measure the prevalence of anaemia in children aged 6-59 months and in women of reproductive age between 15-49 years (non-pregnant)

Secondary objective

- To determine enrolment into Antenatal Care Clinic and coverage of iron-folic acid supplementation in pregnant women

Module 3: Anaemia – Indicators

- **Children 6-59 months**

- Total Anaemia (Hb<11 g/dl)
- Moderate and Severe Anaemia (Hb<10)
- Mild Anaemia (Hb 10-10.9)
- Moderate Anaemia (Hb 7-9.9)
- Severe Anaemia (Hb<7)
- Mean Hb

- Anaemia indicators disaggregated by age groups: 6-23m; 24-59m

- **Women 15-49 years**

- Total Anaemia (Hb<12 g/dl)
- Mild Anaemia (Hb 11-11.9)
- Moderate Anaemia (Hb 8-10.9)
- Severe Anaemia (Hb<7)
- Mean Hb

- **Programme enrolment (pregnant)**

- Currently enrolled in ANC programme
- Currently receiving iron-folic acid pills

Module 3 – Anaemia – New Sampling Guidance

- Sample size requirements for SENS Anaemia assessment in children aged 6-59 months

Survey design	Children anaemia scenario	Module 2 (Anthropometry and Health) sample size children 6-59 months (calculated using ENA for SMART software)	Module 3 (Anaemia) sample size children 6-59 months
Cluster sampling	1	≤600 children	Assess all eligible children found in all randomly selected households for anaemia.
	2	>600 children	Half of the sampled households (sub-sample) should be randomly selected and all eligible children found in these households should be assessed for anaemia.
Simple or systematic random sampling	3	≤400 children	Assess all eligible children found in all randomly selected households for anaemia.
	4	>400 children	Half of the sampled households (sub-sample) should be randomly selected and all eligible children found in these households should be assessed for anaemia.

Module 3 – Anaemia – New Sampling Guidance

- Sample size requirements for SENS Anaemia assessment in women of reproductive age 15-49 years
 - *Women anaemia scenario 1: You need to measure the prevalence of anaemia in women of reproductive age (15-49 years) for surveillance purposes but you do not need to assess the impact of an intervention and are **not planning to intervene** with a direct anaemia intervention (e.g. blanket iron supplementation to all women) in the immediate future:*
 - With any survey design, **half of the sampled households (sub-sample)** should be randomly selected and all eligible women found in these households should be assessed for anaemia.
 - *Women anaemia scenario 2: You are **planning to implement/have been implementing** a direct intervention (e.g. blanket iron supplementation to all women) to reduce anaemia in women of reproductive age (15-49 years) and you need to assess the baseline prevalence and impact of the intervention:*
 - With any survey design, follow the **same sampling scenario used in children for anaemia assessment**

Module 3 – Anaemia – Hb Concentration

- **Units of measurement of HemoCue devices (g/dL or g/L) NEW**
 - Only include this question if your HemoCue devices used in the same survey have different units
 - Data analysis and reporting is done in g/dL
 - In surveys using MDC methods, the Hb concentrations in g/L will be automatically converted in the final database in g/dL
- **Hb adjustment for altitude**
 - At elevations above 1000m, Hb concentrations increase
 - In surveys using MDC methods the Hb concentrations will be automatically corrected for altitude **NEW**
 - **Tool 5-** Hb adjustment for altitude



MODULE 4: IYCF

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MODULE 4: INFANT AND YOUNG CHILD FEEDING (IYCF)

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Module 4: IYCF – Objective and Indicators (1/2)

- To investigate IYCF practices among children 0-23 months

WHO IYCF Indicators

1. Timely initiation of breastfeeding in children aged 0-23 months
2. Exclusive breastfeeding under 6 months
3. Predominant breastfeeding under 6 months **NEW**
4. Continued breastfeeding at 1 year in children aged 12-15 months
5. Continued breastfeeding at 2 years in children 20-23 months
6. Introduction of solid, semi-solid or soft foods in infants aged 6-8 months
7. Consumption of iron-rich or iron-fortified foods in children aged 6-23 months
8. Bottle feeding in children aged 0-23 months

Module 4: IYCF – Objective and Indicators (2/2)

UNHCR IYCF Indicators **NEW**

9. No breastfeeding under 6 months
 10. No breastfeeding under 12 months
- **Prevalence of intake (if applicable)**
 - Proportion of children aged 0-23 months who receive infant formula (fortified or non-fortified)
 - Proportion of children aged 6-23 months who receive FBF
 - Proportion of children aged 6-23 months who receive FBF++
 - Proportion of children aged 6-23 months who receive LNS
 - Proportion of children aged 6-23 months who receive MNP

Module 4: IYCF – Targets

- **Organizational Targets and UNHCR standard**
 - Additions of targets for all IYCF indicators (WHO and UNHCR-based indicators)
 - Based on analysis of approximately 155 SENS surveys conducted between 2011-2016 (CDC)

IYCF Indicator	Target
Timely initiation of breastfeeding	≥85%
Exclusive breastfeeding under 6 months	≥75%
Predominant breastfeeding under 6 months	≥90%
Continued breastfeeding at 1 year	≥90%
Continued breastfeeding at 2 years	≥60%
Introduction of solid, semi-solid or soft foods	>60%
Consumption of iron-rich or iron-fortified foods	>60%
Bottle feeding	<5%
No breastfeeding under 6 months	<2%
No breastfeeding under 12 months	<5%

Module 4: IYCF – Meaningful IYCF Indicators results

- Added guidance on exclusion of results from two IYCF indicators based on obtained precision
- Based on analysis of approximately 155 SENS surveys conducted between 2011-2016

Indicator	Age range	Minimal acceptable precision (%)
WHO INDICATORS		
Continued breastfeeding at 2 years	20-23 months	±15%
Introduction of solid, semi-solid or soft foods	6-8 months	±15%
<p>Instructions on how to derive the precision level from the results: calculate the half width of the confidence interval. e.g.: prevalence of 41% (23%-64% 95% CI). Precision is estimated as follows: $64-23=41$; $41 / 2 = \pm 20.5\%$.</p> <p>In this example the indicator would be excluded from final analysis because the achieved precision was insufficient for meaningful results.</p>		

SENS QUESTIONNAIRE

SENS Questionnaire

- Changed standard SENS questionnaire format so that it aligns with MDC format
- **New MDC format with 4 main forms**
 1. Demography form (with/without mortality) (Module 1)
 2. Household form - All other HH modules (Modules 5-7)
 3. **Child form** (0-59 months) (Modules 2-4)
 4. **Women form** (15-49 years) (Modules 2-3)
- Standard SENS questionnaire available in English, French, Swahili and Arabic
 - + Bengali, + Somali

NEXT SESSION

Webinars Agenda

- **Session 1** → **Household modules** (Module 1- Demography ; Module 5- Food Security ; Module 6- Mosquito Net Coverage ; Module 7- WASH)
- **Session 2** → **Individual modules** (Module 2- Anthropometry and Health ; Module 3- Anaemia ; Module 4- IYCF)
- **Session 3** → Pre-Module, New tools, Sampling strategies, Epi Info analysis, SENS website, SENS Mapper, etc.
- **Session 4** → **MDC Tools** (Update changes on SENS v3 in questionnaires)
- **Session 5** → **MDC Tools** (Comparison and choice between different tools (ODK, KOBO, Aggregate, Raspberry Pi))
- **Session 6** → **MDC Tools** (ODK set-up) and **Q&A**

SENS Version 3 - Webinar

Updates on the SENS Guidelines

(Standardized Expanded Nutrition Survey)

Session 3

OCTOBER 21st 2020



**THANK YOU FOR
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