

SENS Version 3 - Webinar

Updates on the SENS Guidelines

(Standardized Expanded Nutrition Survey)

Session 1

OCTOBER 7th 2020

Outlines

1. Objectives of the series of webinars
2. Background
3. Updates on SENS V3 - Household Modules (Session 1)
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)

OBJECTIVES OF THE SERIES OF WEBINARS

Webinars Objectives

- **Training for more experienced survey managers → to bring you up to speed with the new elements in SENS v3**
 - Focus on the differences in the household and individual modules
 - Revised sampling strategies
 - New questions and new indicators
 - Adaptation for Mobile Data Collection (MDC)
 - Novel automatic checks, algorithms for the referral of malnourished children
 - New SENS Tools, SENS website, SENS mapper
 - Etc.

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**

BACKGROUND

Background

- A 2009 review of UNHCR nutrition surveys worldwide highlighted a lack in standardization in:
 - Surveys methodologies
 - Type of information collected
 - Data presentation
- Nutritional outcomes including prevalence of anaemia of concern in most refugee contexts
 - Hence decided to include anaemia
 - Part of High Commissioner Special Projects on Anaemia
- Discussions with Public Health colleagues on data needs
 - Hence decided to include other modules

What is UNHCR SENS?

- Standardised methodology for conducting nutrition surveys in refugee context
- Based on **SMART**
- Modules and questionnaires are adapted for refugee settings where food assistance, water, sanitation, etc. are provided
 - Based on available international guidelines and standards
- To be used in most emergencies and all stable, protracted situations

SENS Guidelines

- **SENS v1 published in 2011**
- **6 modules** (+ Pre-module: Survey steps and sampling)

1. Anthropometry and Health
2. Anaemia
3. Infant and Young Child Feeding (IYCF)
4. Food Security
5. Water, Sanitation and Hygiene (WASH)
6. Mosquito Net Coverage

- **SENS v2 published in 2013**
- Hard copies sent (~ 250 binders) to various countries and partners around the world



SENS Review

- CDC worked on SENS quality review of anaemia and IYCF data
- DFID worked on country and global SENS results and trends of child and women data
- Usage of SENS reports and results by HQ and by country offices, by various sectors
- Clarity and relevance of SENS modules
- Usage of SENS website
- MDC lessons learnt
- SENS Global Database

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



SENS Guidelines Version 3 - Updates

- **New module – Module 1 Demography** → Added to provide key information on the demographic profile of surveyed population
- **Improve the MDC tools**
- Add questions to more target groups and programs
- **Better align to other well accepted guidelines**, such as adopting Food Consumption Score (FCS) and reduced Coping Strategy Index (rCSI) in **Module 5 Food Security**
- Updating the **Module 7 WASH** with that of **UNHCR WASH KAP** survey
- Revised sampling strategy
- ...

HOUSEHOLD MODULES

MODULE 1: DEMOGRAPHY

UNHCR
STANDARDISED EXPANDED
NUTRITION SURVEY (SENS) GUIDELINES
FOR REFUGEE POPULATIONS

MODULE 1: DEMOGRAPHY

A PRACTICAL STEP-BY-STEP GUIDE
VERSION 3 (2018)



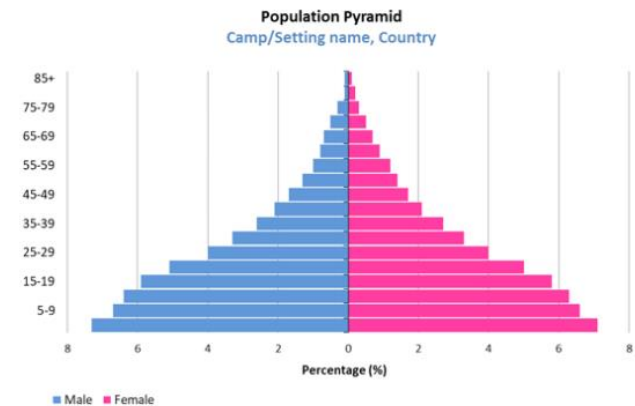
Module 1: Demography - NEW

- The inclusion of the basic Demography module in the SENS survey will:
 - Provide key information on the demographic profile of the surveyed population
 - Aid in future survey planning
- The SENS Demography module aims to provide information on the following priority indicators at the household level:
 - Description of the population demographics
 - Age dependency ratio
 - Average household size
 - Percentage of children under-5
 - Non-response rate
- **Demographic data needs to be collected in all SENS surveys conducted in refugee contexts**

Module 1: Demography

- Standardised guidance and survey tools on the following:
 - Profiling HHs
 - Standard questionnaire to use
 - Standard procedure to follow for training, data collection and quality assurance (data review)
 - Standard analysis
 - Case definitions to follow (where applicable)
 - Standard tables and graphs to include in final survey report
- Common challenges faced while conducting a demographic profile of HHs

FIGURE 1 POPULATION PYRAMID (THIS FIGURE CAN BE AUTOMATICALLY GENERATED BY USING SENS PRE-MODULE TOOL 17 – TRENDS AND GRAPHS)



Module 1: Demography - Objectives

- To determine the demographic profile of the population
- To determine the age dependency ratio

Module 1: Demography – Indicators and Questions (1/10)

- Section DM1: Household Head Information

DM2	What is the sex of the household head? THE HOUSEHOLD HEAD IS THE PERSON RESPONSIBLE FOR MAKING THE DECISIONS FOR THE HOUSEHOLD AS A WHOLE. USE THE TERM AGREED UPON DURING THE TRAINING. HHHSEX	Male.....m Femalef	__
DM3	What is the age of the household head (years)? YOU DO NOT NEED TO SEE PROOF OF AGE. Lower limit=6 Upper limit=98 HHHAGE	RECORD THE NUMBER IN YEARS IF KNOWN. RECORD 97 IF 97 YEARS OR OLDER. RECORD 98 IF UNKNOWN.	__ __ years

- HH Head profile **NEW**
 - Female headed HHs
 - Male headed HHs
 - Children headed HHs
 - Elderly headed HHs
 - Mean age of the HH head

Module 1: Demography – Indicators and Questions (2/10)

- Section DM1: Household Head Information

DM4	What is the country of origin of the household head? (OPTIONAL)	Country A.....1 Country B.....2 Country C.....3 Country D.....4 Country E.....5 Other6 Don't know8	__
	HHHCTRY		

- HH Head profile **NEW**
 - Country of origin of the HH head (optional)
- **SENS Recommendation:** this might be needed in contexts where there are multiple new arrivals from various countries or where registration is on-going, and information is not yet available

Module 1: Demography – Indicators and Questions (3/10)

- Section DM2: Mixed population SENS (out-of-camp settings) (if applicable)

DM5	Is the household head a national of this country [INSERT COUNTRY]? (IF APPLICABLE) HHHOST	Yes 1 No 2 Don't know 8	__ IF ANSWER IS 2 OR 8 GO TO DM7
DM6	Has the household head been forced to move from his/her place of origin? (IF APPLICABLE) HHHIDP	Yes 1 No 2 Don't know 8	__ GO TO DM8
DM7	Has the household head been forced to move from his/her country of origin to this country [INSERT COUNTRY]? (IF APPLICABLE) HHHREFUG	Yes 1 No 2 Don't know 8	__

Module 1: Demography – Indicators and Questions (4/10)

- **Mixed populations SENS (out-of-camp) (if applicable)**
 - Population group disaggregated by HH head population group (host community, internally displaced, refugees/asylum seekers, other) **NEW**
- ***SENS Recommendation:*** only include this indicator when conducting a SENS in mixed populations, out-of-camp settings (e.g. host community SENS survey, urban SENS).

Module 1: Demography – Indicators and Questions (5/10)

- Section DM3: Survey of HH Members

DM8	What is the total number of household members? Lower limit=1 Upper limit=30 DMHHSIZE	RECORD THE NUMBER. _ _ people
DM9	Name of household member ONLY WRITE FIRST NAME. NAME	_____
DM10	What is the sex of the household member? HHMSEX	Male.....m Female.....f _
DM11	What is the age of the household member (years)? YOU DO NOT NEED TO SEE PROOF OF AGE. Lower limit=0 Upper limit=98 HHMAGE	RECORD THE NUMBER IN YEARS IF KNOWN. IF AGE IS LESS THAN 1 YEAR, RECORD 0. RECORD 97 IF 97 YEARS OR OLDER. RECORD 98 IF UNKNOWN. _ _ years
DM12	Is the household member currently pregnant? HHMPREG	Yes1 No2 Don't know8 _

Module 1: Demography – Indicators and Questions (6/10)

- **Household size and composition** **NEW**
 - Total population surveyed
 - Non-response rate (HH)
 - Total U2 surveyed
 - Total U5 surveyed
 - Average HH size
 - HH size categories
 - HH composition disaggregated by age categories (U2, U5, 5-14 years, 15-64 years, 65 years and above)
 - % U2
 - % U5
 - % Pregnant women (15-49 years)
 - % elders (65 years and older)
 - Sex-ratio

Module 1: Demography – Indicators and Questions (7/10)

- **Age dependency ratio** **NEW**
 - Average age dependency ratio
 - Proportion of HHs in each age dependency ratio categories

Definition

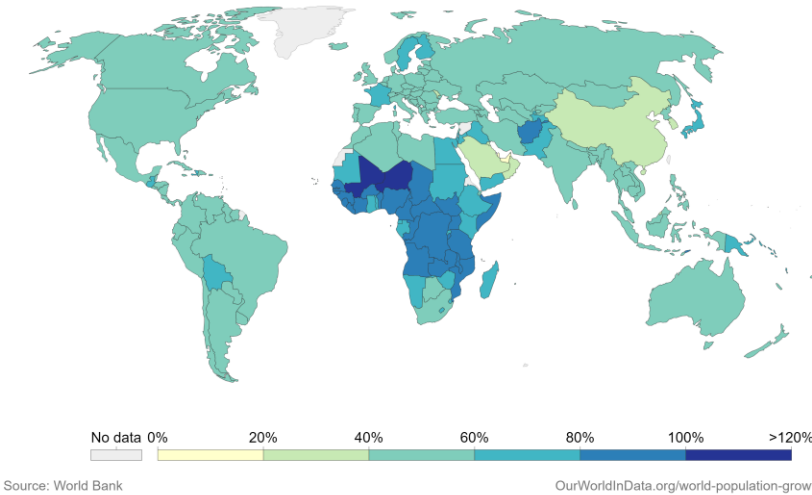
Age dependency Ratio =

$$\frac{\text{Number of people aged 0 - 14 years and those aged 65 years and over}}{\text{Number of people aged 15 - 64 years}}$$

- Used to indicate the pressure/dependency on the working-age population (15-64 years) owing to the share of children and elderly in a HH
- A higher age dependency ratio indicates greater pressure on the working members of a HH, while a lower age dependency ratio represents lesser burden on the family's economic situation

Age dependency ratio, 2017

The age dependency ratio is the sum of the young population (under age 15) and elderly population (age 65 and over) relative to the working-age population (ages 15 to 64). Data are shown as the number of dependents per 100 working-age population.



Module 1: Demography – Indicators and Questions (8/10)

- **Section DM3: Survey of HH Members**
- **Mortality questions** can be added (**SMART**)
- **Mortality Survey**
 - Crude Death Rate
 - U5 Death Rate
 - Causes and location of death

Module 1: Demography – Indicators and Questions (9/10)

- Section DM4: Time of Arrival in Country of Asylum (optional/if applicable)

DM13	Did all household members arrive to [camp name / country of asylum] at the same time? (OPTIONAL/IF APPLICABLE)	Yes 1 No 2 Don't know 8	__ IF ANSWER IS 2 GO TO DM15
ARRIVE			
DM14	When did the household arrive to [camp name / country of asylum]? (OPTIONAL/IF APPLICABLE)	1 month ago [INSERT MONTH] 01 2 months ago [INSERT MONTH] 02 3 months ago [INSERT MONTH] 03	__ __
		4 months ago [INSERT MONTH] 04 5 months ago [INSERT MONTH] 05 6 months ago [INSERT MONTH] 06 7 months ago [INSERT MONTH] 07 8 months ago [INSERT MONTH] 08 9 months ago [INSERT MONTH] 09 10 months ago [INSERT MONTH] 10 11 months ago [INSERT MONTH] 11 12 months ago [INSERT MONTH] 12 1-2 years ago 13 2-3 years ago 14 >3 years ago 15 Other [TO BE ADAPTED] 16 Don't know 98	
		ARRIDATE	

Module 1: Demography – Indicators and Questions (10/10)

- **Time of arrival (optional / if applicable) NEW**
 - Proportion of HH where all members arrived to [camp name / country of asylum] at the same time
 - HH arrival dates disaggregated by arrival time
- ***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. UNHCR HQ / Regional Offices should be contacted to determine if this optional indicator should be included or not and for assistance in analysing this data

Module 1: Demography – Questionnaire

- Summary messages

Summary messages

WRITE DOWN THE SUMMARY DATA PROVIDED BELOW ON THE PARTICIPANTS AND MEASURES CONTROL SHEET.

Total number of children under 5 (0-4 years)

|__|__| children under-5

TOTU5

Total number of women aged 15-49 years

|__|__| women

TOTWM

Total number of pregnant women aged 15-49 years

|__|__| pregnant women

TOTPREG

Participants and Measures Control Sheet **NEW**

PARTICIPANTS AND MEASURES CONTROL SHEET - Use 1 sheet per household

Camp Name	Section Code / Number	Zone Code / Number	Block Code / Number

Survey Date (DD/MM/YYYY)	Cluster Number (if applicable)	Team Number	HH Number
_ _ / _ _ / _ _ _ _	_ _	_ _	_ _ _

WRITE DOWN THE SUMMARY DATA PROVIDED AT THE END OF THE DEMOGRAPHIC QUESTIONNAIRE BELOW.

Total number of children under 5 (0-4 years)	Total number of women aged 15-49 years	Total number of pregnant women aged 15-49 years
_ _ children U5	_ _ women	_ _ pregnant women

PLEASE COMPLETE USING THE FOLLOWING ORDER: HH HEAD, ADULT MALES, ADULT FEMALES, CHILDREN, INFANTS, OTHER RELATIVES

Identification and age				Anthropometry and health					Anaemia		
ID #	Name	M/F	Age • If age ≥5 y: unit is years • If age <5 y: unit is months	Weight (kg) Children 6-59	Height (cm) Children 6-59	Height (H) or Length (L) Children 6-59	Bilateral oedema Y/N Children 6-59	MUAC (cm or mm) • Children 6-59 • Women (optional)	Referred? Y/N	Hb (g/dL or g/L) • Children 6-59 • Non-pregnant women <u>only</u>	Referred? Y/N
1											

MODULE 5: FOOD SECURITY

UNHCR
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FOR REFUGEE POPULATIONS

MODULE 5: FOOD SECURITY

A PRACTICAL STEP-BY-STEP GUIDE
VERSION 3 (2018)



Module 5: Food Security

- The SENS Food Security module aims to provide an **understanding of the current state of food security** among the surveyed population. It includes indicators on four areas of food security:
 - **Access to and use of food including food assistance**
 - **Level of HH dietary diversity**
 - Information on any food gaps (quantity and quality)
 - **Access to and use of cooking fuel**
 - Demonstrate the extent to which refugee families are able to cook a meal
 - **Use of negative coping strategies**
 - Indicative of the overall stress placed on the surveyed population to meet their food and other basic needs

Module 5: Food Security – Objectives (1/2)

Primary objectives

- To determine the population's overall ability to meet their food needs with assistance
 - a. To determine the duration of the general in-kind food distribution for recipient households
SENS recommendation: include this indicator only in contexts where in-kind food assistance is distributed
 - b. To determine the coverage of cash grants and how recipient households spent the cash
SENS recommendation: include these indicators only in contexts where cash grants are provided
 - c. To determine the coverage of the food vouchers and how recipient households use the vouchers
SENS recommendation: include this indicator only in contexts where vouchers are in place

Module 5: Food Security – Objectives (2/2)

Primary objectives

- To determine the extent to which negative coping strategies are used by households.
- To assess household food consumption (quantity and quality).

Secondary objectives

- To determine the proportion of households in each of the targeting categories (if applicable).
- To determine the population's access to and use of cooking fuel (if applicable).

Module 5: Food Security – Indicators and Questions (1/13)

- **Assistance category (if applicable) NEW**
 - Proportion of HHs in each targeting category

FS2	What is your household's assistance category? (IF APPLICABLE)	Category A 1 Category B..... 2 Category C..... 3 Category D 4	__
	HHASSIST	Other..... 6 Don't know 8	

Module 5: Food Security – Indicators and Questions (2/13)

- **Food assistance coverage** **NEW**
 - Proportion of HHs receiving a food assistance (in-kind and/or cash grants and/or food vouchers)

FS3	Does your household receive food assistance (general in-kind food distribution and/or cash grants and/or food vouchers) [INSERT LOCAL NAMES OF FOOD ASSISTANCE PROGRAMMES]? FOODASS	Yes..... 1 No 2 Don't know 8	__ IF ANSWER IS 1 OR 8 GO TO FS5
FS4	Why do you not have access to the food assistance programmes [INSERT LOCAL NAMES OF FOOD ASSISTANCE PROGRAMMES]? YNOFOODA	Ration card and/or cash grants and/or food voucher not given even if eligible... 1 Not registered..... 2 Registered but determined not eligible.. 3 Other..... 6 Don't know 8	__ GO TO FS10

Module 5: Food Security – Indicators and Questions (3/13)

- **In-kind food distribution (if applicable)**
 - Average number of days general food distribution lasts
 - Disaggregated by HH targeting categories (if applicable) **NEW**

FS5	How many days did the food from the general in-kind food distribution from the [INSERT] cycle of [INSERT LAST CYCLE MONTH] last? (IF APPLICABLE) Lower limit=1 Upper limit=98 GFDLAST	RECORD THE NUMBER OF DAYS IF KNOWN. RECORD 98 IF UNKNOWN.	_ _ _
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Module 5: Food Security – Indicators and Questions (4/13)

- **Cash grants (if applicable) NEW**
 - Proportion of HHs receiving cash grants
 - Proportion of HHs that use cash for food, water, hygiene items, etc.

FS6	Does your household receive cash grants to meet basic needs [INSERT LOCAL NAME FOR CASH GRANTS]? (IF APPLICABLE) CASH	Yes..... 1 No 2 Don't know 8	☐ IF ANSWER IS 2 OR 8 GO TO FS8
FS7	How did you spend the cash grants you received in [INSERT LAST CYCLE MONTH OR DISTRIBUTION]? (IF APPLICABLE) SELECT ALL THAT APPLY. CASHSPNT: FOOD / WATER / HYGIENE / HEALTH / HOUSE / FUELA / LIVELI / DEBTS / SAVING / EDUCA / OTHER / DKN	Food 01 Water 02 Hygiene items, clothes, shoes..... 03 Health costs (including medicines) 04 Rent, shelter repair, household items (e.g. mattress, blanket, jerrycan), utilities and bills (e.g. electricity, water bills, phone calling credit) 05 Firewood/fuel for cooking or heating... 06 Assets for a livelihood activity (e.g. seeds, tools, farming, fishing, petty trade, etc.) 07 Debt repayment..... 08 Save some money or gave to other family members, relatives, friends 09 Education (e.g. school fees, uniform, books) 10 Other 96 Don't know 98	☐ ☐ ☐ ☐

Module 5: Food Security – Indicators and Questions (5/13)

- **Food voucher (if applicable) NEW**
 - Proportion of HHs receiving a food voucher to cover basic food needs
 - Proportion of HHs selling food vouchers or products accessed with food vouchers to access other goods and/or services

FS8	Does your household receive a food voucher [INSERT LOCAL NAME OF FOOD VOUCHER] for general food needs? (IF APPLICABLE) VOUCHER	Yes..... 1 No 2 Don't know 8	_____ IF ANSWER IS 2 OR 8 GO TO FS10
FS9	Did you sell any of the vouchers or products accessed with food vouchers received in [INSERT LAST CYCLE MONTH OR DISTRIBUTION] to access other goods and/or services? (IF APPLICABLE) SELLVOU	Yes..... 1 No 2 Don't know 8	_____

Module 5: Food Security – Indicators and Questions (6/13)

- **Access to cooking fuel (if applicable) NEW**
 - Cooking fuel use by type
 - Proportion of HHs receiving cooking fuel assistance
 - Average number of days cooking fuel lasts

FS11	What cooking fuel does your household usually use? (IF APPLICABLE)	Wood 01 Charcoal 02 Kerosene 03 Biogas..... 04 Liquid petroleum gas (LPG)..... 05 Ethanol..... 06 Briquettes 07 Other 96 Don't know 98	__ __
	HHFUEL		
FS12	Does your household receive cooking fuel assistance? (IF APPLICABLE)	Yes..... 1 No 2 Don't know 8	__ IF ANSWER IS 2 or 8 GO TO FS14
	FUEL		
FS13	How many days did the fuel from the [INSERT] cycle of [INSERT LAST CYCLE MONTH] last? (IF APPLICABLE)	RECORD THE NUMBER OF DAYS IF KNOWN (RECORD 98 IF UNKNOWN)	__ __
	Lower limit=1 Upper limit=98 FUELLAST		

Module 5: Food Security – Indicators and Questions (7/13)

- Coverage of basic needs **NEW**
 - Proportion of basic needs not met by the HHs
 - Proportion of HHs in each category of coverage of basic needs (100%, >50%, <50%, 0%)

FS10	Which of your household's basic needs can you not meet?	Food 01	_ _
	DO NOT READ THE ANSWERS. SELECT ALL THAT APPLY.	Water 02	
		Hygiene items, clothes, shoes..... 03	
		Health costs (including medicines) 04	
		Rent, shelter repair, household items (e.g. mattress, blanket, jerrycan), utilities and bills (e.g. electricity, water bills, phone calling credit) 05	
		Firewood/fuel for cooking or heating... 06	
		Assets for a livelihood activity (e.g. seeds, tools, farming, fishing, petty trade, etc.) 07	
		Debt repayment..... 08	
		Save some money or support other family members, relatives, friends 09	
		Education (e.g. school fees, uniform, books) 10	
		All basic needs are met 11	
		Other..... 96	
		Don't know 98	

NEEDSNOT: FOODB / WATERB / HYGIENEB / HEALTHB / HOUSEB / FUELB / LIVELIB / DEBTSB / SAVINGB / EDUCAB / NEEDSMET / OTHERB / DKNB

Module 5: Food Security – Indicators and Questions (8/13)

- **Negative HH coping strategies NEW**
 - Proportion of HHs reporting using the coping strategies **over the past 4 weeks:**
 - ✓ Stop a child from attending school
 - ✓ Sold any assets that would not have normally sold
 - ✓ Ask for money from strangers (begging)
 - ✓ Move to a poorer quality shelter
 - ✓ Send HH members under the age of 16 to work
 - ✓ Send a member of the HH to work away
 - ✓ Engage in potentially risky or harmful activities
 - ✓ Skip paying rent /debt repayments to meet other needs
 - ✓ Take out new loans or borrowed money
 - ✓ Reduce expenditure hygiene items, water, baby items, health or education in order to meet HH food needs
 - Proportion of HHs reporting using **one or more negative coping strategy over the past 4 weeks**

Module 5: Food Security – Indicators and Questions (9/13)

- Negative HH coping strategies **NEW**

FS14	In the past 4 weeks, have you or anyone in your household needed to stop a child from attending school? (OPTIONAL) SCHOOL	Yes..... 1 No 2 Don't know 8	__
FS15	In the past 4 weeks, have you or anyone in your household needed to sold any assets that would not have normally sold in order to buy food or basic goods (e.g. sold items such as a car, motorbike, plough, sewing machine, tools, seed stock, livestock, productive land)? (OPTIONAL) SELLIV	Yes..... 1 No 2 Don't know 8	__
FS16	In the past 4 weeks, have you or anyone in your household needed to ask for money from strangers (begging)? (OPTIONAL) BEG	Yes..... 1 No 2 Don't know 8	__
FS17	In the past 4 weeks, have you or anyone in your household needed to move to a poorer quality shelter? (OPTIONAL) SHELTER	Yes..... 1 No 2 Don't know 8	__

Module 5: Food Security – Indicators and Questions (10/13)

- **Negative HH coping strategies NEW**
 - Proportion of HHs reporting using the coping strategies **over the past 7 days:**
 - ✓ Rely on less preferred and/or less expensive foods
 - ✓ Borrow food, or rely on help from a friend or relative
 - ✓ Reduce the number of meals eaten in a day
 - ✓ Limit portion sizes at mealtime
 - ✓ Reduce consumption by adults so children could eat
 - **Average reduced Coping Strategy Index (rCSI) NEW**

FS24	In the past 7 days, how many days did your household rely on less preferred and/or less expensive food due to lack of food or money to buy food? Lower limit=0 Upper limit=7 LESSEXP	RECORD THE NUMBER OF DAYS, FROM 0-7.	_
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Module 5: Food Security – FCS (1/2)

- **Definition Food Consumption Score (FCS)**
 - Proxy measure of **HH food access** using **dietary diversity and food frequency**
 - Focusing on the **7 days before the interview**, it records how many days **9 categories of foods** were eaten by anyone in the HH
 - Each food category is given a weight based on the energy and the macro- and micronutrient content of the food/food group. This weight is multiplied by the number of days in the preceding week each food category was eaten. The sub-scores for each food group are then summed up to produce a composite FCS
 - The FCS also provides a measure of dietary diversity

Module 5: Food Security – FCS (2/2)

- **Food Groups (8/9)**
 1. Cereals, grains, roots and tubers (main staples)
 2. Legumes/nuts (pulses)
 3. Milk and other dairy products
 4. Meat, fish and eggs
 5. Vegetables and leaves
 6. Fruits
 7. Oils/fats/butter
 8. Sugar or sweet
 9. Specialized nutritious food (if applicable)
- **All foods eaten and beverages consumed inside the home during the past week, by all household members**
- If a food item is consumed at home by only one household member, it should not be recorded.

Module 5: Food Security – FCS and small quantities

- If a food item is consumed only as a condiment or in such small quantity that it cannot be considered as a proper portion by the HH it should not be registered
- **Prior to asking the food consumption questions**, enumerators should explain to the respondent context-specific examples of food quantities considered too small to be captured by the food groups

Food items/groups	Example quantities			
Meat, chicken, fish	One small piece (like a box of matches) for 3 or more persons	Fish powder spread over meals	A piece to add flavour to a soup	
Eggs	One egg for 4 or more persons	Egg used only as condiment	Less than ¼ egg per person	
Milk	A pinch of milk/cream added to tea and/or coffee	A single glass or cup for 3 or more persons	A spoon of powdered milk added to coffee/tea	
Cheese	A little grated cheese spread over meals	A small piece (like a box of matches) for 4 or more persons		
Vegetables	One or two tomatoes or onions used as condiment	Cauliflower and/or carrot consumed only as pickle	Only a half/ small unit for 4 or more people	Leaves: a few leaves for all
Fruits	Fruits used to flavor refreshments (like a lemon slice added to a drink)	Only one unit for 4 or more persons		

Module 5: Food Security – Indicators and Questions (11/13)

- **Food Consumption Score (FCS) NEW**
 - Average FCS
 - Proportion of HHs by FCS profiles (acceptable, borderline, poor)

FS29	How many days over the last 7 days, did members of your household eat the following food items, prepared and/or consumed at home? READ THE LIST OF FOODS AND DO NOT PROBE. ONLY RECORD THE CONSUMPTION OF SIGNIFICANT QUANTITIES OF FOOD BY THE HOUSEHOLD. WRITE '0' IF NOT CONSUMED IN THE LAST 7 DAYS.	
		Number of days eaten in past 7 days
	1. In the past 7 days, how many days did your household eat any [INSERT CEREALS LOCALLY AVAILABLE] (e.g. wheat, corn/maize, barley, buckwheat, millet, oats, rice, rye, sorghum, teff) or any foods made from these such as [INSERT LOCAL FOODS] (e.g. bread, porridge, noodles, ugali, <i>nshima</i>, pasta). Or any [INSERT WHITE ROOTS AND TUBERS LOCALLY AVAILABLE] (e.g. green bananas, lotus root, parsnip, taro, plantains, white potatoes, white yam, white cassava, white sweet potato) or any foods made from roots such as [INSERT LOCAL FOODS]. Or any [INSERT OTHER STARCHY FOODS LOCALLY AVAILABLE] (e.g. green bananas, plantains) CRLROTU	_ Lower limit=0 Upper limit=7

Module 5: Food Security – FCS-Nutrition (1/2)

- **Definition**

- The FCS-N methodology uses the same data collection tool as the FCS
- It adds an additional dimension to the FCS by analysing household nutrition and protein, vitamin A and iron consumption, using the FCS modules, main food groups and sub groups
- The separate food groups improve the measurement of the consumption of particular nutrient-rich foods versus other less nutrient-rich items that belong to the same general food group

Module 5: Food Security – FCS-N (2/2)

- **Food Groups (15/16)**
 1. Cereals, grains, roots and tubers (main staples)
 2. Legumes/nuts (pulses)
 3. Milk and other dairy products
 4. Meat, fish and eggs
 5. Flesh meat
 6. Organ meat
 7. Fish/shellfish
 8. Eggs
 9. Vegetables and leaves
 10. Orange vegetables
 11. Green leafy vegetables
 12. Fruits
 13. Orange fruits
 14. Oils/fats/butter
 15. Sugar or sweet
 16. Super cereals and CSB (if applicable)

Module 5: Food Security – Indicators and Questions (12/13)

- **Food Consumption Score-Nutrition (FCS-N) NEW**
 - Proportion of HHs consuming **protein rich foods** by consumption frequency categories (never, sometimes, at least daily)
 - Proportion of HHs consuming **vitamin A rich foods** by consumption frequency categories (never, sometimes, at least daily)
 - Proportion of HHs consuming **haem iron rich foods** by consumption frequency categories (never, sometimes, at least daily)

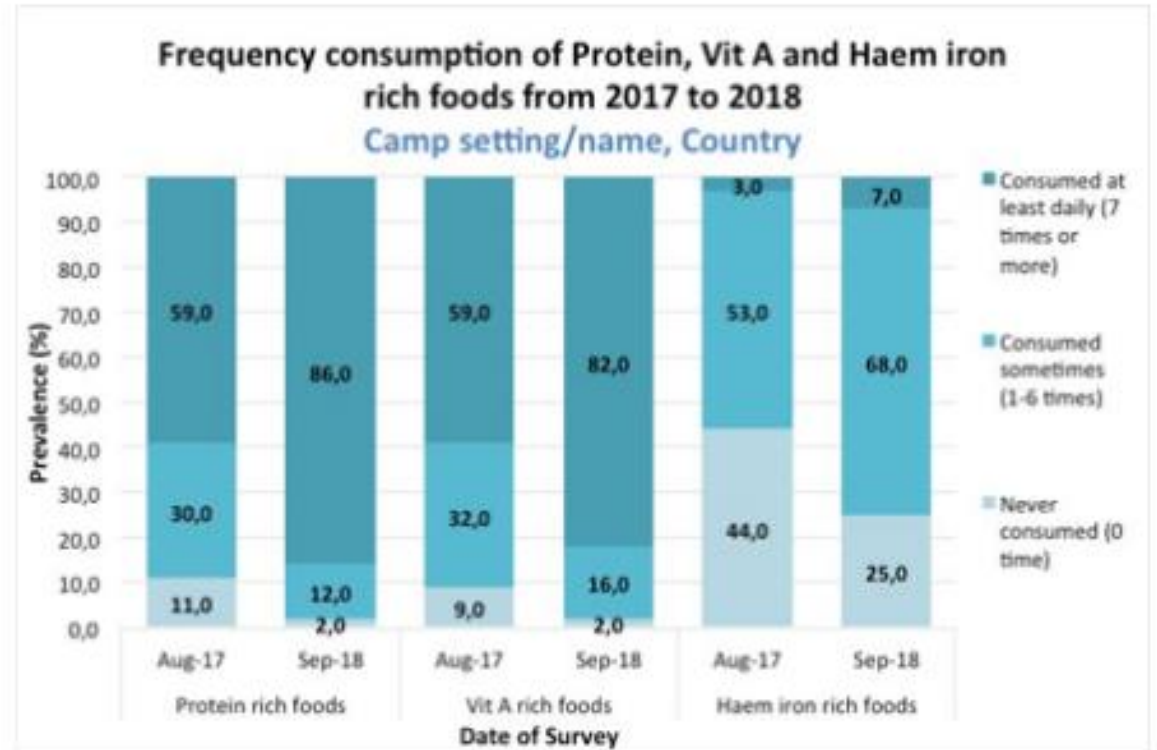
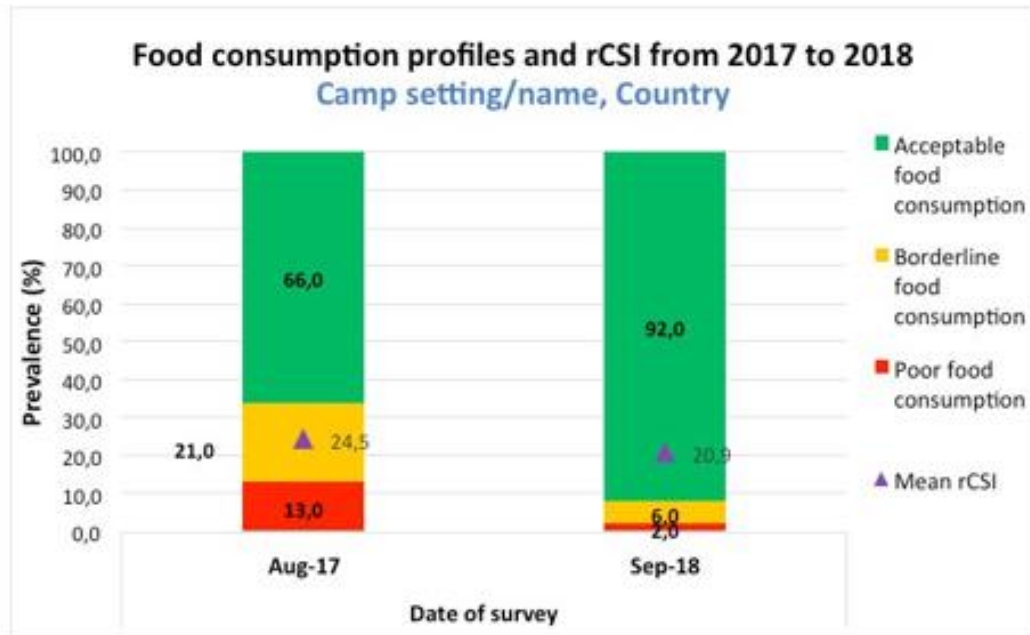
Module 5: Food Security – Indicators and Questions (13/13)

- **Food Acquisition Sources NEW**
 - Proportion of HHs by food acquisition source

FS30	How was this food acquired?	
	Purchase (using cash grants and/or with their own cash)..... 01	_ _ _
	Own production (crops, livestock, fishing/hunting, gathering)..... 02	
	Traded goods/services, barter..... 03	
	Borrowed (loan/credit from traders)..... 04	
	Receive as gift (from family relatives or friend/neighbor)..... 05	
	In-kind or voucher based food assistance 06	
	Other 96	
	Don't know 98	

FOODSOU

Module 5: Food Security – New Graphs



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 2

OCTOBER 14th 2020

**THANK YOU FOR
LISTENING!**